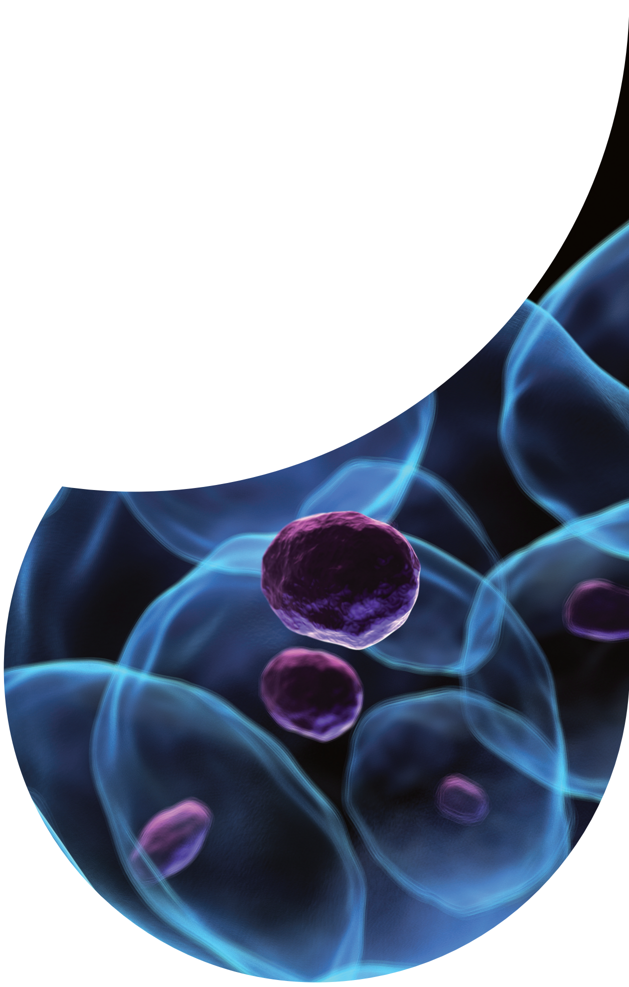
コスモ・バイオ株式会社

proteintech™

antibodies for
cancer research



ptglab.com

antibodies people trust

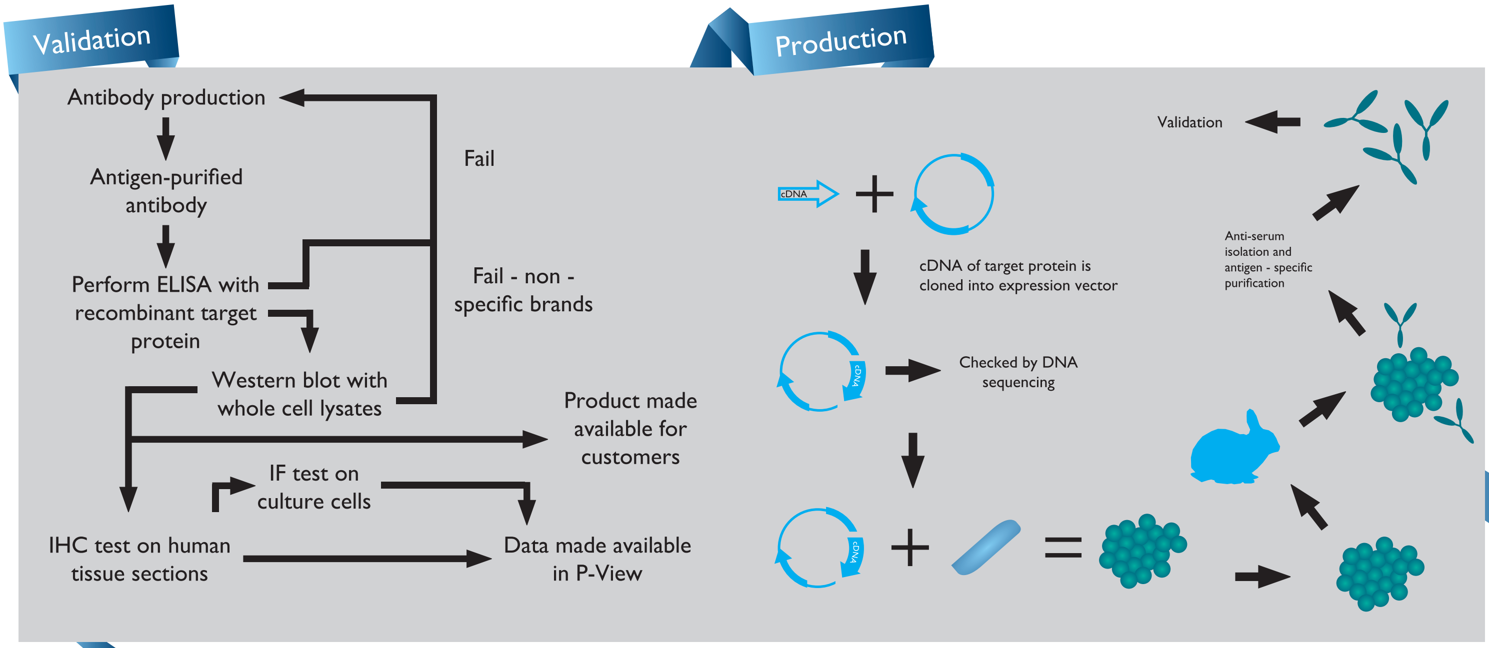
Introduction

Progress in cancer research would not be possible without the efforts of scientists and medical professionals worldwide. At Proteintech, we would like to see these researchers succeed and are here to provide high-quality antibodies to the oncology community to support advancement and discovery. We are proud to have supplied our antibodies to a vast number of scientists in cancer research; many of whom have gone on to publish work with their help. In addition to the wide selection of oncology-related antibodies displayed in this catalog, we provide coverage of such antibody success stories; we also give you a first-look at two of our new pathway posters, covering two important, cancer-related DNA and cell-cycle regulatory networks: the p53 and BRCA pathways.

About us

Proteintech Group was established by experienced research scientists aiming to provide their fellow research community with superior antibodies and first-class customer service. We are confident that you will be wholly satisfied with our antibodies; the protein origins of Proteintech antibodies make them truly "all-purpose" – they work in a broad spectrum of applications including: WB, IHC, ELISA and IF. Our antibodies are suited to the varied requirements of these applications as they recognize both denatured and three-dimensional epitopes – giving them much higher affinity in your applications compared to peptide-generated antibodies.

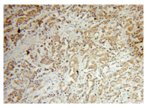
It is not just the science behind our antibodies that enables us to be a better antibody company; to continually achieve and uphold this goal, we adhere to the following standards: We make and validate every single antibody that we sell, giving us complete control over production, quality, and distribution. We maintain an up-to-date, worldwide inventory of our antibodies, meaning we can offer next day deliver to your lab if you order directly with us. Finally, we promise you, and all of our customers, a guaranteed refund if you are not satisfied with any of our antibodies.



Contents

Breast Cancer

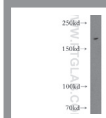
Antibody	Cat. No	Type	Application
ANTXR1	15091-1-AP	Rabbit Poly	ELISA,WB
ANXA7	10154-2-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

W Chen, Biochem Pharmacol. 2010 Jul 15; 80(2)

Antibody	Cat. No	Type	Application
BCL2	12789-1-AP	Rabbit Poly	ELISA,WB
BIRC5	10508-1-AP	Rabbit Poly	ELISA,WB,IHC
BIRC5	19119-1-AP	Rabbit Poly	ELISA,WB,IHC
CA9	11071-1-AP	Rabbit Poly	ELISA,WB,IHC
CA9	11443-1-AP	Rabbit Poly	ELISA,WB
CCNE1	11554-1-AP	Rabbit Poly	ELISA,WB
CD44	15675-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
CD82	10248-1-AP	Rabbit Poly	ELISA,WB,IHC
CEACAM5	10421-1-AP	Rabbit Poly	ELISA,WB,IHC
CEACAM5	60053-1-Ig	Mouse Mono	ELISA,WB
CKB	15137-1-AP	Rabbit Poly	ELISA,WB,IHC
CKB	18713-1-AP	Rabbit Poly	ELISA,WB,IHC
CTNNB1	17565-1-AP	Rabbit Poly	ELISA,WB
CTNNB1	51067-2-AP	Rabbit Poly	ELISA,WB,IHC
CTNND1	12180-1-AP	Rabbit Poly	ELISA,WB
DPP4	10940-1-AP	Rabbit Poly	ELISA,WB,IHC

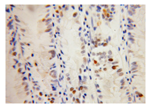


Recent Publications

E Tskitishvili, Mol Hum Reprod. 2010 Mar; 16(3)

Antibody	Cat. No	Type	Application
ENG	10862-1-AP	Rabbit Poly	ELISA,WB
ERBB2	51105-1-AP	Rabbit Poly	ELISA,WB,IHC
ERBB2	18299-1-AP	Rabbit Poly	ELISA,WB,IHC
ESR2	14007-1-AP	Rabbit Poly	ELISA,WB
FKBPL	10060-1-AP	Rabbit Poly	ELISA,WB,IHC
GATA3	10417-1-AP	Rabbit Poly	ELISA,WB,IHC
HIF1AN	10646-1-AP	Rabbit Poly	ELISA,WB

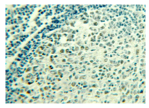
Antibody	Cat. No	Type	Application
HSD17B14	15668-1-AP	Rabbit Poly	ELISA,WB
HSPA1A	10995-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
IGFBP2	11065-3-AP	Rabbit Poly	ELISA,WB,IHC
IGFBP2	15699-1-AP	Rabbit Poly	ELISA,WB,IHC
KLK3	10679-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

Yoshitake K, Am Surg Oncol . 2011 Feb 1

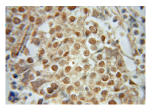
Antibody	Cat. No	Type	Application
KPNA2	10819-1-AP	Rabbit Poly	ELISA,WB,IHC
MAGEA1	12233-1-AP	Rabbit Poly	ELISA,WB



Recent Publications

IW Cunha, Transl Oncol. 2010 Feb; 3(1)

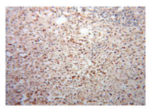
Antibody	Cat. No	Type	Application
MCM2	10513-1-AP	Rabbit Poly	ELISA,WB,IHC
MMP1	10371-2-AP	Rabbit Poly	ELISA,WB,IHC
MMP2	10373-2-AP	Rabbit Poly	ELISA,WB
NRP1	10612-1-AP	Rabbit Poly	ELISA,WB
NRP1	60067-1-Ig	Mouse Mono	ELISA,WB,IHC,IF



Recent Publications

D Nonaka, Am J Surg Pathol. 2008 Oct; 32(10)

Antibody	Cat. No	Type	Application
PAX8	10336-1-AP	Rabbit Poly	ELISA,WB,IHC
PGD	14718-1-AP	Rabbit Poly	ELISA,WB
PLAT	10147-1-AP	Rabbit Poly	ELISA,WB
PLAU	17968-1-AP	Rabbit Poly	ELISA,WB
PTEN	10047-1-AP	Rabbit Poly	ELISA,WB,IHC
PTMA	10480-1-AP	Rabbit Poly	ELISA,IHC
PTTG1	18040-1-AP	Rabbit Poly	ELISA,WB,IF

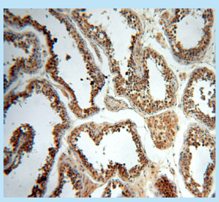


Recent Publications

C Fan, Mol Cell Proteomics . 2010 Dec 7

Antibody	Cat. No	Type	Application
S100A11	10237-1-AP	Rabbit Poly	ELISA,WB,IHC
S100A11	60024-1-Ig	Mouse Mono	ELISA,WB

Focus on FKBPL



FKBPL antibody successes in cancer and steroid receptor signaling research

FKBPL (FK506-binding protein-like) is an immunophilin that regulates steroid receptor signaling. It has been reported to bind with Hsp90 (heat shock protein 90) as a co-chaperone and overexpression of FKBPL was shown to decrease leukemic cell proliferation by inducing a G0/G1 block. Proteintech's FKBPL polyclonal antibody (10060-1-AP) has played a key role in many recent publications:

Cancer research

In early 2010, McKeen et al successfully used our FKBPL antibody in a Cancer Research paper. The researchers found that FKBPL regulates estrogen receptor (ERα) signaling and determines the response of breast cancer to endocrine therapy. Breast cancer cells stably overexpressing FKBPL became dependent on estrogen for their growth and were dramatically more sensitive to anti- estrogen treatments.

Steroid receptor signaling

FKBPL has been reported to co-localize and interact with the components of the Hsp90- glucocorticoid receptor (GR; NR3C1) complex. In an Endocrinology paper McKeen et al reported the appearance of FKBPL/GR co-localization in the cytoplasm and nucleus in DU145 prostate tumor cells using immunofluorescence. The interaction of FKBPL with GR was confirmed by western blotting after co-immunoprecipitation. Hsp90 also immunoprecipitated with FKBPL captured by our FKBPL antibody.

FKBPL and p21 stability

FKBPL interacts with Hsp90 via its TPR (tetratricopeptide repeat) domains and is key to the stabilization of newly synthesized p21 (CDKN1A/CIP1/WAF1). GTSE-1 (G2 and S phase-expressed protein 1) has recently been described as an interacting partner of the Hsp90-FKBPL-p21 complex. In a JBC paper this year, Bublik et al report that GTSE-1 protects p21 from proteasomal degradation as part of this complex. GTSE-1 was found to co-fractionate with p21 and FKBPL in U2OS and H1299 cell extracts and could also be co-immunoprecipitated with both proteins.

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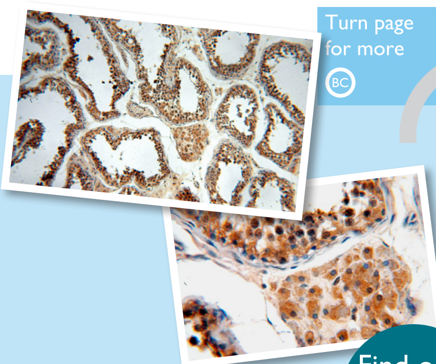


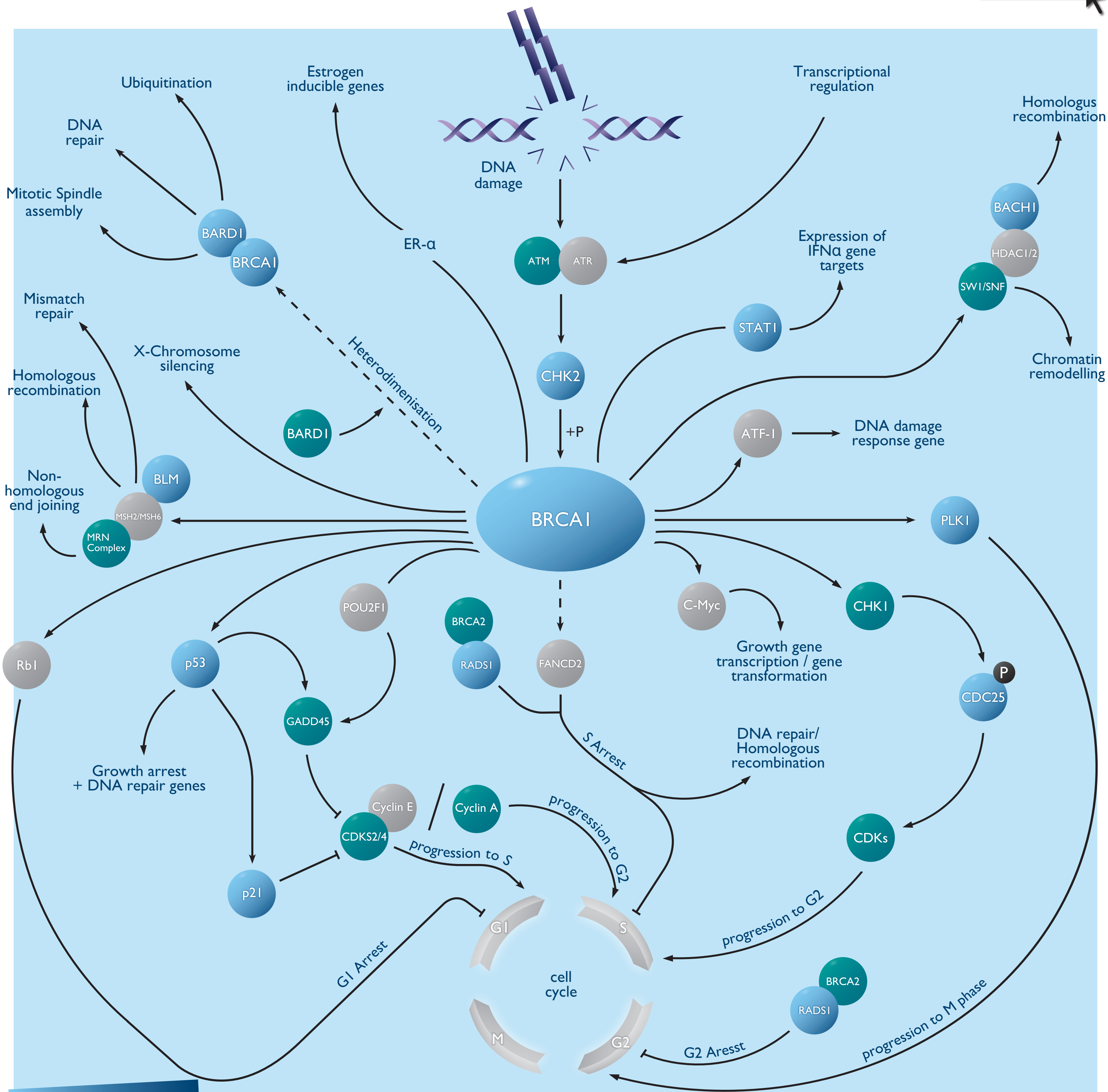
Turn page for more

Find out more about FKBPL on P-View

Antibodies:
FKBPL 10060-1-AP (Rabbit polyclonal)
FKBPL 60030-1-Ig (Mouse monoclonal)

Related Antibodies:
Hsp90 13171-1-AP (Rabbit polyclonal
CDKN1A 10240-1-AP (Rabbit polyclonal)
NR3C1 11260-1-AP (Rabbit polyclonal)

References:
H. McKeen et al., Cancer Research 70, 3 (2010)
D. Bublik et al., J. Biol. Chem. 285, 8 (2010)
H. McKeen et al., Endocrinology 149, 11 (2008)



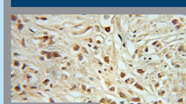
BRCA pathway

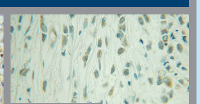
The BRCA pathway is essential for maintaining genome integrity in multicellular organisms; it responds to DNA damage through activation of DNA repair pathways and regulation of cell cycle checkpoint processes. BRCA1 (breast cancer type 1 susceptibility protein), the central molecule to the pathway, is a breast and ovarian tumor suppressor; approximately 50% of hereditary breast cancer cases can be attributed to BRCA1. The majority of BRCA1 exists as a heterodimer with BARD1 (BRCA1-associated RING domain protein 1); the two forming an active E3 ubiquitin ligase. The ubiquitination function of BRCA1 associated with BARD1 likely plays an integral role in its tumor suppression. BRCA1 also plays an active role in DNA repair; DNA damage brings about its phosphorylation via ATM, ATR, and chk2 kinases. Phosphorylated BRCA1 can then interact with proteins of the Mre11, Rad50, Nbs1 (MRN) complex in non-homologous end-joining and RAD51 and BRCA2 for homologous repair. BRCA1 can also form complexes with both BACH1 and SWI/SNF to mediate homologous recombination repair and chromatin remodeling. HDACs regulate the access of the SWI/SNF–BRCA1 complex to DNA. BRCA1 has also been linked with a number of other DNA repair processes, including mismatch repair via association with MSH2, MSH6, and MLH1 or through the Fanconi anemia pathway, via the FA complex and FANCD2 (Fanconi Anemia subtype D2) protein.

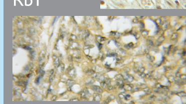
BRCA1 also plays a role in gene expression and cell cycle control. BRCA1 can trigger a G1 arrest that is mediated by transcriptional activation of p21. In addition to its association with p21, BRCA1 can bind to several different transcription factors, including p53, Myc, STAT1, and CtIP (CBP-Interacting Protein) promoting the expression of their respective genes. Finally, BRCA1 interacts with Chk1 and PLK1 (Polo-Like Kinase-1) to regulate the G2/M and G1/S checkpoints, possibly via GADD45; thereby linking BRCA1 to the regulation of apoptosis.

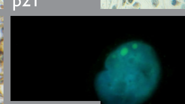
Legend

---→	Indirectly Activates
——	Association
—┤	Inhibits
+P	Phosphorylates
+	Dissociation
——→	Directly Activates

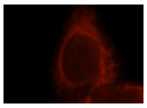

Rb1


p21


PLK1


SMARCD3

Antibody	Cat. No	Type	Application
TFF1	13734-1-AP	Rabbit Poly	ELISA,WB,IHC
THBD	14318-1-AP	Rabbit Poly	ELISA,WB,IHC
THEM2	16782-1-AP	Rabbit Poly	ELISA,WB,IHC
TIMP1	10753-1-AP	Rabbit Poly	ELISA,WB,IHC
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC



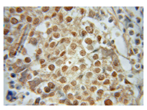
Recent Publications

KA Bolanz, Mol Cancer Res. 2009 Dec; 7(12)

Antibody	Cat. No	Type	Application
TRPV6	13411-1-AP	Rabbit Poly	ELISA,WB,IF

Melanoma

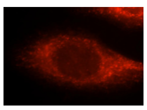
Antibody	Cat. No	Type	Application
GPC3	11145-1-AP	Rabbit Poly	ELISA,WB
MCAM	17564-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

P Argani, Am J Surg Pathol. 2009 Apr; 33(4)

Antibody	Cat. No	Type	Application
PAX8	10336-1-AP	Rabbit Poly	ELISA,WB,IHC
PKM2	10078-2-AP	Rabbit Poly	ELISA,WB
PKM2	15821-1-AP	Rabbit Poly	ELISA,WB,IHC
PKM2	15822-1-AP	Rabbit Poly	ELISA,WB,IHC

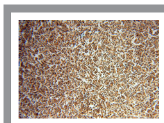


Recent Publications

N Chen, Hum Pathol . 2009 Jul; 40(7)

Antibody	Cat. No	Type	Application
XIAP	10037-1-Ig	Rabbit Poly	ELISA,WB,IHC,IF

Head & Neck

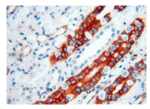


Recent Publications

W Chen, Biochem Pharmacol. 2010 Jul 15; 80(2)

Antibody	Cat. No	Type	Application
BAX	50599-2-Ig	Rabbit Poly	ELISA,WB,IHC
BIRC5	10508-1-AP	Rabbit Poly	ELISA,WB,IHC
BIRC5	19119-1-AP	Rabbit Poly	ELISA,WB,IHC
CD44	15675-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
CDKN2A	10883-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
CEACAM5	10421-1-AP	Rabbit Poly	ELISA,WB,IHC
CEACAM5	60053-1-Ig	Mouse Mono	ELISA,WB
CRYAB	15808-1-AP	Rabbit Poly	ELISA,WB,IHC
CTNNA2	14362-1-AP	Rabbit Poly	ELISA,WB
CTNNB1	17565-1-AP	Rabbit Poly	ELISA,WB
CTNNB1	51067-2-AP	Rabbit Poly	ELISA,WB,IHC
ENO2	10149-1-AP	Rabbit Poly	ELISA,WB

Antibody	Cat. No	Type	Application
HNRNPA2B1	14813-1-AP	Rabbit Poly	ELISA,WB,IHC
KRT14	10143-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
KRT17	18502-1-AP	Rabbit Poly	ELISA,WB,IHC
KRT17	17516-1-AP	Rabbit Poly	ELISA,WB
MMP8	17874-1-AP	Rabbit Poly	ELISA,WB,IHC
PTEN	10047-1-AP	Rabbit Poly	ELISA,WB,IHC
PTTG1	18040-1-AP	Rabbit Poly	ELISA,WB,IF
RPS27	15355-1-AP	Rabbit Poly	ELISA,WB,IHC
SDC1	10593-1-AP	Rabbit Poly	ELISA,WB,IHC
SERPINE1	13801-1-AP	Rabbit Poly	ELISA,WB,IHC
SKP2	15010-1-AP	Rabbit Poly	ELISA,WB



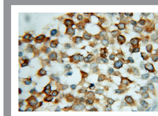
Recent Publications

Zhang J, Mol Cancer 2010; 9

Antibody	Cat. No	Type	Application
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC
VCP	10736-1-AP	Rabbit Poly	ELISA,WB,IHC

Other skin, musculoskeletal and soft tissue cancer

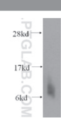
Antibody	Cat. No	Type	Application
AFP	14550-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

Xue H, J Proteome Res. 2010 Jan 9(1)

Antibody	Cat. No	Type	Application
AGR2	12275-1-AP	Rabbit Poly	ELISA,WB,IHC
ALB	16475-1-AP	Rabbit Poly	ELISA,WB,IHC
CDCP1	12754-1-AP	Rabbit Poly	ELISA,WB
CEACAM5	10421-1-AP	Rabbit Poly	ELISA,WB,IHC
CEACAM5	60053-1-Ig	Mouse Mono	ELISA,WB
CHGA	10529-1-AP	Rabbit Poly	ELISA,WB,IHC
CHGA	60135-1-Ig	Mouse Mono	ELISA,WB
CKB	15137-1-AP	Rabbit Poly	ELISA,WB,IHC
CKB	18713-1-AP	Rabbit Poly	ELISA,WB,IHC
CST3	12245-1-AP	Rabbit Poly	ELISA,WB
ENO2	10149-1-AP	Rabbit Poly	ELISA,WB
FASN	10624-2-AP	Rabbit Poly	ELISA,WB
FN1	15613-1-AP	Rabbit Poly	ELISA,WB,IHC
PKM2	10078-2-AP	Rabbit Poly	ELISA,WB
PKM2	15821-1-AP	Rabbit Poly	ELISA,WB,IHC
PKM2	15822-1-AP	Rabbit Poly	ELISA,WB,IHC
PLAT	10147-1-AP	Rabbit Poly	ELISA,WB
PROM1	18470-1-AP	Rabbit Poly	ELISA,WB
PROM1	18495-1-AP	Rabbit Poly	ELISA,WB
PROM1	19945-1-AP	Rabbit Poly	ELISA,WB
PROM1	19946-1-AP	Rabbit Poly	ELISA,WB
RARB	14013-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
RARB	60119-1-Ig	Mouse Mono	ELISA,WB
RPS27	15355-1-AP	Rabbit Poly	ELISA,WB,IHC



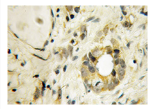
Recent Publications

Xue H, J Proteome Res. 2010 Jan 9(1)

Antibody	Cat. No	Type	Application
TFF	11810-1-AP	Rabbit Poly	ELISA,WB

Ⓑ Bladder Cancer

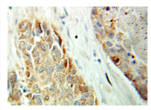
Antibody	Cat. No	Type	Application
B2M	13511-1-AP	Rabbit Poly	ELISA,WB,IHC
BIRC5	10508-1-AP	Rabbit Poly	ELISA,WB,IHC
BIRC5	19119-1-AP	Rabbit Poly	ELISA,WB,IHC
CLU	12289-1-AP	Rabbit Poly	ELISA,WB,IHC
ERBB2	51105-1-AP	Rabbit Poly	ELISA,WB,IHC
ERBB2	18299-1-AP	Rabbit Poly	ELISA,WB,IHC
ERCC1	14586-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

W Chen, Biochem Pharmacol. 2010 Jul 15; 80(2)

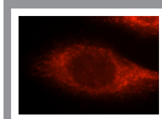
Antibody	Cat. No	Type	Application
FAS	13098-1-AP	Rabbit Poly	ELISA,WB,IHC
GNAS	10150-2-AP	Rabbit Poly	ELISA,WB



Recent Publications

R Ose, Mol Oncol . 2009 Feb; 3(1)

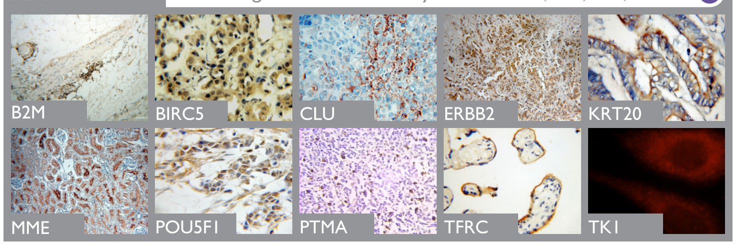
Antibody	Cat. No	Type	Application
KRT18	10830-1-AP	Rabbit Poly	ELISA,WB,IHC
KRT18	18708-1-AP	Rabbit Poly	ELISA,WB,IHC
KRT20	17329-1-AP	Rabbit Poly	ELISA,WB,IHC
MME	18008-1-AP	Rabbit Poly	ELISA,WB,IHC
MME	10302-1-AP	Rabbit Poly	ELISA,WB
MME	60034-1-Ig	Mouse Mono	ELISA,WB
MME	60034-2-Ig	Mouse Mono	ELISA,IHC
MME	60034-3-Ig	Mouse Mono	ELISA,IHC
MME	60034-4-Ig	Mouse Mono	ELISA,IHC
MMP2	10373-2-AP	Rabbit Poly	ELISA,WB
PLAT	10147-1-AP	Rabbit Poly	ELISA,WB
POU5F1	11263-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
PTMA	10480-1-AP	Rabbit Poly	ELISA,IHC
TFRC	10084-2-AP	Rabbit Poly	ELISA,WB,IHC
TK1	15691-1-AP	Rabbit Poly	ELISA,WB,IF
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

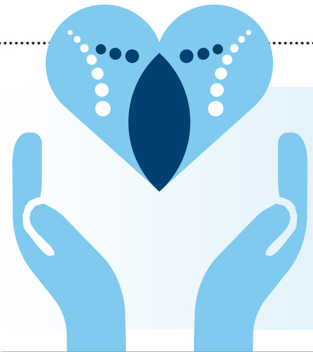
W Yin, Mod Pathol. 2006 Nov; 19(11)

Antibody	Cat. No	Type	Application
XIAP	10037-1-Ig	Rabbit Poly	ELISA,WB,IHC,IF



Ⓒ Cervical cancer

Antibody	Cat. No	Type	Application
ANXA5	11060-1-AP	Rabbit Poly	ELISA,WB,IHC
CD34	14486-1-AP	Rabbit Poly	ELISA,WB,IHC
CDKN2A	10883-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
CEACAM5	10421-1-AP	Rabbit Poly	ELISA,WB,IHC
CEACAM5	60053-1-Ig	Mouse Mono	ELISA,WB

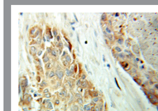


As an original manufacturer, Proteintech delivers consistency resellers cannot

Antibody	Cat. No	Type	Application
DPP4	10940-1-AP	Rabbit Poly	ELISA,WB,IHC
ERCC1	14586-1-AP	Rabbit Poly	ELISA,WB,IHC
IDI	18475-1-AP	Rabbit Poly	ELISA,WB
PKM2	10078-2-AP	Rabbit Poly	ELISA,WB
PKM2	15821-1-AP	Rabbit Poly	ELISA,WB,IHC
PKM2	15822-1-AP	Rabbit Poly	ELISA,WB,IHC
SERPINB3	15885-1-AP	Rabbit Poly	ELISA,WB

Ⓔ Endometrial cancer

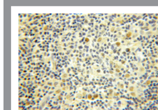
Antibody	Cat. No	Type	Application
CD44	15675-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
FASN	10624-2-AP	Rabbit Poly	ELISA,WB



Recent Publications

O Wada-Hiraike, Proc Natl Acad Sci U S A. 2006 Nov 10; 103(48)

Antibody	Cat. No	Type	Application
KRT18	10830-1-AP	Rabbit Poly	ELISA,WB,IHC



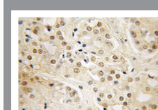
Recent Publications

R Du, J Proteome Res . 2010 Apr 5; 9(4)

Antibody	Cat. No	Type	Application
MCM7	11225-1-AP	Rabbit Poly	ELISA,WB,IHC
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC

Ⓖ Germ cell tumors

Antibody	Cat. No	Type	Application
AFP	14550-1-AP	Rabbit Poly	ELISA,WB,IHC
CD68	16192-1-AP	Rabbit Poly	ELISA,WB,IF
CSH1	10178-1-AP	Rabbit Poly	ELISA,WB
DAZL	12633-1-AP	Rabbit Poly	ELISA,WB
DDX4	12888-1-AP	Rabbit Poly	ELISA,WB
DDX4	51042-1-AP	Rabbit Poly	ELISA,WB
EGFR	51071-2-AP	Rabbit Poly	ELISA,WB,IHC
EGFR	18986-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
GPC3	11145-1-AP	Rabbit Poly	ELISA,WB
KIT	65042-1-Ig	Mouse Mono	ELISA,IHC
KIT	18696-1-AP	Rabbit Poly	ELISA,WB,IHC
KRT7	15539-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
KRT7	16857-1-AP	Rabbit Poly	ELISA,WB,IHC
KRT7	17513-1-AP	Rabbit Poly	ELISA,WB



Recent Publications

D Cao, Hum Pathol. 2011 Jan 3

Antibody	Cat. No	Type	Application
LIN28	11724-1-AP	Rabbit Poly	ELISA,WB,IHC,IF

“Whole protein [antigen] provides more target epitopes therefore increasing the number of polyclonal antibodies recognising that protein. This increases antibody sensitivity, particularly in the case of proteins expressed at low levels”

Keith Pennypacke,
University of South Florida.

Turn page for more Ⓖ

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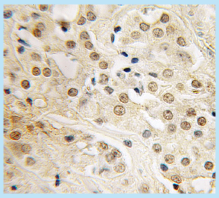
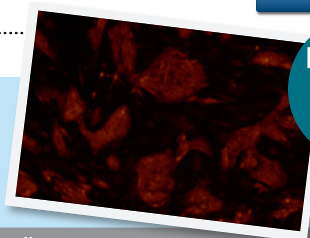
Focus on LIN28



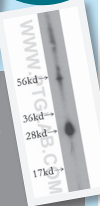
LIN28 in cancer and primordial germ cell development

LIN28 is one of several reprogramming factors that allow the derivation of induced pluripotent stem cells (iPSCs) from somatic sources, thus by-passing the need for embryonic stem (ES) cells. It acts as a 'translational enhancer', driving specific mRNAs to polysomes and increasing the efficiency of protein synthesis. LIN28 also acts as a suppressor of miRNA biogenesis by specifically binding precursor let-7, an miRNA precursor. Degradation of pre-let-7 in ES cells contributes to the maintenance of ES cells.Srinivas Viswanathan and colleagues, working in the lab of George Daley at Harvard Medical School, have published several key papers on LIN28 in recent years. In Nature Genetics last year, they published their finding that LIN28 promotes transformation and is associated with advanced human malignances. In a subsequent Nature paper the same authors reported a role for LIN28 in primordial germ-cell development and in germ-cell malignancy. In both papers our LIN28 antibody (11724-1- AP) was used for immunohistochemistry.

For more information visit www.ptglab.com



Find out more about LIN28 on P-View



Antibodies:
LIN28 11724-1- AP(Rabbit polyclonal)
LIN28A-specific 16177-1-AP (Rabbit polyclonal)
NANOG 14295-1-AP (Rabbit polyclonal)

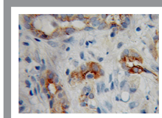
Selected Publications:
F. Jia et al, Nature Methods 7, 3 (2010)
S. Viswanathan et al, Nature Genetics 41, 7 (2009)
J. West et al, Nature 460, 7257 (2009)

LIN28 Synonyms:
CSDD1, FLJ12457, LIN-28, LIN28A, ZCCHC1

Antibody	Cat. No	Type	Application	
NME1	11086-2-AP	Rabbit Poly	ELISA,WB,IHC	Gt
POU5F1	11263-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	Gt
TFAP2C	14572-1-AP	Rabbit Poly	ELISA,WB,IHC	Gt
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC	Gt

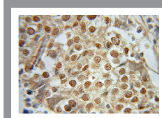
Oc Ovarian Cancer (Carcinoma) Markers

Antibody	Cat. No	Type	Application	
ANXA5	11060-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
B2M	13511-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
BSG	11989-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
CD34	14486-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
CKB	15137-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
CKB	18713-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
CTSB	12216-1-AP	Rabbit Poly	ELISA,WB	Oc
ERBB2	51105-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
ERBB2	18299-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
HNF1B	12533-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
IGFBP2	11065-3-AP	Rabbit Poly	ELISA,WB,IHC	Oc
IGFBP2	15699-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
KLK8	14232-1-AP	Rabbit Poly	ELISA,WB	Oc
MCAM	17564-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
MMP2	10373-2-AP	Rabbit Poly	ELISA,WB	Oc



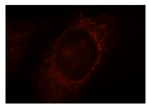
Recent Publications ★
G Yuan, Cell Signal. 2008 Jul; 20(7)

Antibody	Cat. No	Type	Application	
MMP7	10374-2-AP	Rabbit Poly	ELISA,WB,IHC	Oc
NME1	11086-2-AP	Rabbit Poly	ELISA,WB,IHC	Oc



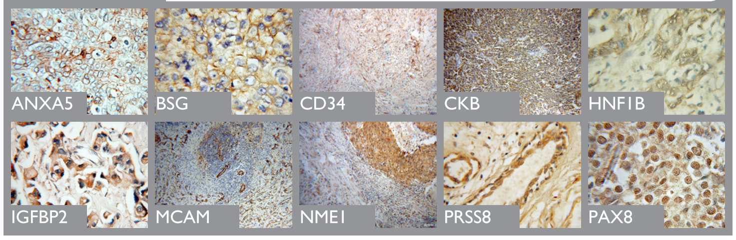
Recent Publications ★
M Fujiwara, J Cutan Pathol . 2010 Sep 37(9)

Antibody	Cat. No	Type	Application	
PAX8	10336-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
PAX8	60144-1-Ig	Mouse Mono	ELISA	Oc
PAX8	60145-4-Ig	Mouse Mono	ELISA,WB	Oc
PAX8	19120-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
PLAT	10147-1-AP	Rabbit Poly	ELISA,WB	Oc
PRSS8	15527-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC	Oc
TUBB3	10068-1-AP	Rabbit Poly	ELISA,WB	Oc
TUBB3	60039-1-Ig	Mouse Mono	ELISA,WB	Oc

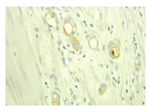


Recent Publications ★
L Chen, Histochem Cell Biol. 2007 Nov; 128(5)

Antibody	Cat. No	Type	Application	
TUBB3	10094-1-AP	Rabbit Poly	ELISA,WB,IF	Oc



P Prostate Cancer

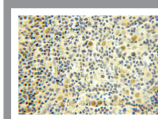


Recent Publications ★
YJ Wei, Biomarkers. 2008 Aug; 13(5)

Antibody	Cat. No	Type	Application	
APOD	10520-1-AP	Rabbit Poly	ELISA,WB,IHC	P
BCL2	12789-1-AP	Rabbit Poly	ELISA,WB	P
CHGA	10529-1-AP	Rabbit Poly	ELISA,WB,IHC	P
CHGA	60135-1-Ig	Mouse Mono	ELISA,WB	P
DPP4	10940-1-AP	Rabbit Poly	ELISA,WB,IHC	P

Recent Publications ★
E Tskitishvili, Mol Hum Reprod. 2010 Mar; 16(3)

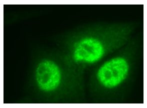
Antibody	Cat. No	Type	Application	
ENG	10862-1-AP	Rabbit Poly	ELISA,WB	P
FASN	10624-2-AP	Rabbit Poly	ELISA,WB	P
FOLH1	13163-1-AP	Rabbit Poly	ELISA,WB,IHC	P
GLO1	15140-1-AP	Rabbit Poly	ELISA,WB	P
GLO1	18477-1-AP	Rabbit Poly	ELISA,WB	P
IGFBP3	10189-2-AP	Rabbit Poly	ELISA,WB	P
ILK	12955-1-AP	Rabbit Poly	ELISA,WB,IHC	P
KLK2	10812-1-AP	Rabbit Poly	ELISA,IHC	P
KLK3	10679-1-AP	Rabbit Poly	ELISA,WB,IHC	P
LDHB	14824-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	P
LDHB	19988-1-AP	Rabbit Poly	ELISA,WB	P



Recent Publications ★
R Du, J Proteome Res . 2010 Apr 5; 9(4)

Antibody	Cat. No	Type	Application	
MCM7	11225-1-AP	Rabbit Poly	ELISA,WB,IHC	P

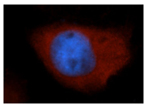
Antibody	Cat. No	Type	Application	
NFKB1	14220-1-AP	Rabbit Poly	ELISA,WB	P
NFKB1	15506-1-AP	Rabbit Poly	ELISA,WB	P



Recent Publications ★

J Sarkar, Am J Physiol Lung Cell Mol Physiol . 2010 Dec; 299(6)

Antibody	Cat. No	Type	Application	
PCNA	10205-2-AP	Rabbit Poly	ELISA,WB,IHC,IF	P
PCNA	60097-1-Ig	Mouse Mono	ELISA,WB,IHC	P
PCNA	65034-1-Ig	Mouse Mono	ELISA,WB	P
PEBP1	10575-1-AP	Rabbit Poly	ELISA,WB,IHC	P
PIN1	10495-1-AP	Rabbit Poly	ELISA,WB	P
PTEN	10047-1-AP	Rabbit Poly	ELISA,WB,IHC	P
REG4	12268-1-AP	Rabbit Poly	ELISA,WB	P
RPL19	14701-1-AP	Rabbit Poly	ELISA,WB,IHC	P



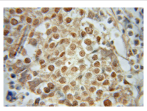
Recent Publications ★

NY Xu, J Toxicol Environ Health A . 2009; 72(11)

Antibody	Cat. No	Type	Application	
S100A6	10245-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	P
TP53	10442-1-A	Rabbit Poly	ELISA,WB,IHC	P

Rcc Renal cell carcinoma

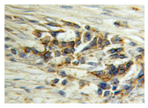
Antibody	Cat. No	Type	Application	
CA9	11071-1-AP	Rabbit Poly	ELISA,WB,IHC	Rcc
CA9	11443-1-AP	Rabbit Poly	ELISA,WB	Rcc
DPP4	10940-1-AP	Rabbit Poly	ELISA,WB,IHC	Rcc
ENO2	10149-1-AP	Rabbit Poly	ELISA,WB	Rcc
MME	18008-1-AP	Rabbit Poly	ELISA,WB,IHC	Rcc
MME	10302-1-AP	Rabbit Poly	ELISA,WB	Rcc
MME	60034-1-Ig	Mouse Mono	ELISA,WB	Rcc
MME	60034-2-Ig	Mouse Mono	ELISA,IHC	Rcc
MME	60034-3-Ig	Mouse Mono	ELISA,IHC	Rcc
MME	60034-4-Ig	Mouse Mono	ELISA,IHC	Rcc
NNMT	15123-1-AP	Rabbit Poly	ELISA,WB	Rcc



Recent Publications ★

P Argani, Am J Surg Pathol. 2009 Apr; 33(4)

Antibody	Cat. No	Type	Application	
PAX8	10336-1-AP	Rabbit Poly	ELISA,WB,IHC	Rcc



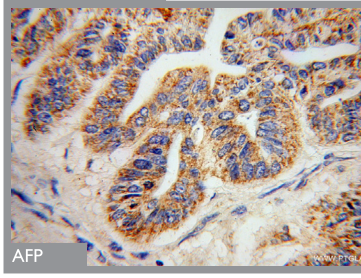
Recent Publications ★

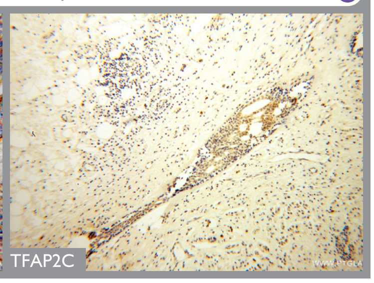
SJ Lu, Regen Med . 2009 Jan; 4(1)

Antibody	Cat. No	Type	Application	
PECAM1	11265-1-AP	Rabbit Poly	ELISA,WB,IHC	Rcc
PKM2	10078-2-AP	Rabbit Poly	ELISA,WB	Rcc
PKM2	15821-1-AP	Rabbit Poly	ELISA,WB,IHC	Rcc
PKM2	15822-1-AP	Rabbit Poly	ELISA,WB,IHC	Rcc
RCC1	14444-1-AP	Rabbit Poly	ELISA,WB,IHC	Rcc
RCC1	60089-1-Ig	Mouse Mono	ELISA,WB	Rcc
S100A1	16027-1-AP	Rabbit Poly	ELISA,WB	Rcc
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC	Rcc
VIL1	16488-1-AP	Rabbit Poly	ELISA,WB	Rcc

Tc Testicular cancer

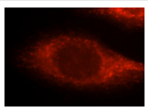
Antibody	Cat. No	Type	Application	
AFP	14550-1-AP	Rabbit Poly	ELISA,WB,IHC	Tc
TFAP2C	14572-1-AP	Rabbit Poly	ELISA,WB,IHC	Tc





Other genitourinary system

Antibody	Cat. No	Type	Application
POU5F1	11263-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
CALB2	12278-1-AP	Rabbit Poly	ELISA,WB,IHC
SEMG1	15916-1-AP	Rabbit Poly	ELISA,WB,IHC
KRT20	17329-1-AP	Rabbit Poly	ELISA,WB,IHC
PSCA	17171-1-AP	Rabbit Poly	ELISA,WB



Recent Publications ★

W Yin, Mod Pathol . 2006 Nov; 19(11)

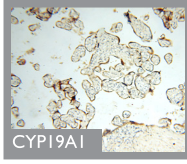
Antibody	Cat. No	Type	Application
XIAP	10037-1-Ig	Rabbit Poly	ELISA,WB,IHC,IF

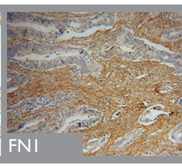
BL B-Cell Lymphoma

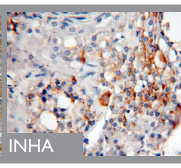
Antibody	Cat. No	Type	Application	
ACPP	15840-1-AP	Rabbit Poly	ELISA,WB,IHC	BL

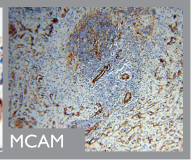
GcT Granulosa Cell Tumor Markers

Antibody	Cat. No	Type	Application	
CYP19A1	16554-1-AP	Rabbit Poly	ELISA,WB,IHC	GcT
FN1	15613-1-AP	Rabbit Poly	ELISA,WB,IHC	GcT
INHA	10609-1-AP	Rabbit Poly	ELISA,WB,IHC	GcT
MCAM	17564-1-AP	Rabbit Poly	ELISA,WB,IHC	GcT


CYP19A1


FN1


INHA


MCAM

L Leukemia

Antibody	Cat. No	Type	Application	
B2M	13511-1-AP	Rabbit Poly	ELISA,WB,IHC	L
WT1	12609-1-AP	Rabbit Poly	ELISA,WB	L

MM Multiple Myeloma

Antibody	Cat. No	Type	Application	
B2M	13511-1-AP	Rabbit Poly	ELISA,WB,IHC	MM

NL Non-Hodgkin Lymphoma

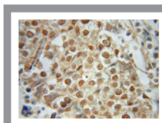
Antibody	Cat. No	Type	Application	
TK1	15691-1-AP	Rabbit Poly	ELISA,WB,IF	NL

T Thymomas

Antibody	Cat. No	Type	Application	
BCL2	12789-1-AP	Rabbit Poly	ELISA,WB	T

Vn Vascular neoplasms

Antibody	Cat. No	Type	Application	



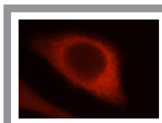
Recent Publications ★

EM Carney, Am J Surg Pathol . 2011 Feb; 35(2)

Antibody	Cat. No	Type	Application	
PAX8	10336-1-AP	Rabbit Poly	ELISA,WB,IHC	Vn
THBD	14318-1-AP	Rabbit Poly	ELISA,WB,IHC	Vn

Lc Lung cancer

Antibody	Cat. No	Type	Application	

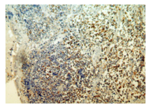


Recent Publications ★

CC Lin, Eur Respir J . 2010 Sep 30

Antibody	Cat. No	Type	Application	
ALDOA	11217-1-AP	Rabbit Poly	ELISA,WB,IF	Lc
ATP6V1E1	15280-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
BIRC5	10508-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
BIRC5	19119-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
CDC25B	10644-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
CEACAM5	10421-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc

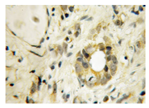
Antibody	Cat. No	Type	Application	
CEACAM5	60053-1-Ig	Mouse Mono	ELISA,WB	Lc



Recent Publications ★

HC Jeong, J Proteome Res .2010 Dec 2

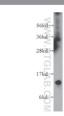
Antibody	Cat. No	Type	Application	
COTL1	10781-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
CTNNB1	17565-1-AP	Rabbit Poly	ELISA,WB	Lc
CTNNB1	51067-2-AP	Rabbit Poly	ELISA,WB,IHC	Lc
CTSK	11239-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
DIABLO	10434-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
EBAG9	12255-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
ENO2	10149-1-AP	Rabbit Poly	ELISA,WB	Lc
ERCC1	14586-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc



Recent Publications ★

W Chen, Biochem Pharmacol. 2010 Jul 15; 80(2)

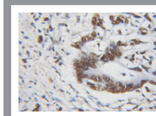
Antibody	Cat. No	Type	Application	
FAS	13098-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc



Recent Publications ★

JM Allman, Brain Struct Funct . 2010 Jun; 214(5-6)

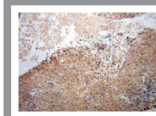
Antibody	Cat. No	Type	Application	
GRP	14646-1-AP	Rabbit Poly	ELISA,WB	Lc



Recent Publications ★

S Wang, Histopathology . 2011 Jan 24

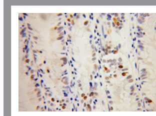
Antibody	Cat. No	Type	Application	
HDGF	11344-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
HDGF	60064-1-Ig	Mouse Mono	ELISA,WB,IHC	Lc
HNRNPA2B1	14813-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc



Recent Publications ★

M Komatsu, Nat Cell Biol . 2010 Mar; 12(3)

Antibody	Cat. No	Type	Application	
KEAP1	10503-2-AP	Rabbit Poly	ELISA,WB,IHC	Lc

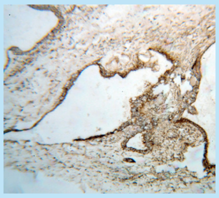


Recent Publications ★

N Chsnfiramani, PLoS One. 2011; 6(1)

Antibody	Cat. No	Type	Application	
KEAP1	60027-1-Ig	Mouse Mono	ELISA,WB,IHC	Lc
KRAS	12063-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
KRAS	16155-1-AP	Rabbit Poly	ELISA,WB,IF	Lc
KRAS	16156-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
KRAS	18294-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	Lc
KRT14	10143-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	Lc
KRT7	15539-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	Lc
KRT7	16857-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
KRT7	17513-1-AP	Rabbit Poly	ELISA,WB	Lc
LDHB	14824-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	Lc
LDHB	19988-1-AP	Rabbit Poly	ELISA,WB	Lc
MAP2	17490-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
MDK	11009-1-AP	Rabbit Poly	ELISA,IHC,IF	Lc
NCAM1	14255-1-AP	Rabbit Poly	ELISA,IHC	Lc
PKM2	10078-2-AP	Rabbit Poly	ELISA,WB	Lc
PKM2	15821-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
PKM2	15822-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
PLUNC	10413-1-AP	Rabbit Poly	ELISA,WB	Lc

Focus on RRM1



Success of our RRM1 antibody in non-small-cell lung cancer research

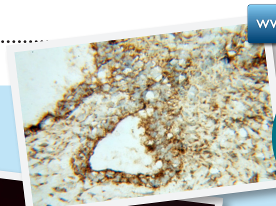
RRM1 (ribonucleotide reductase subunit MI) protein is the regulatory subunit of the heterodimeric enzyme, ribonucleotide reductase. In humans it is encoded by the RRM1 gene, located on chromosome segment 11p15.5. This region is significant in the development of non-small-cell lung cancer (NSCLC) as it is typically inactivated during NSCLC oncogenesis. More than 70% patients with NSCLC are diagnosed at the advanced stages of the disease meaning diagnostic and prognostic markers for its improved treatment are essential.

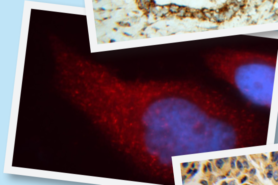
Our RRM1 antibody (10526-1-AP) has featured in two separate publications investigating its biomarker potential in NSCLC patients undergoing chemotherapy. The first paper (Wang et al., 2010), investigates the effectiveness of both RRMI and ERCC1 (excision repair cross-complimenting 1) as biomarkers for chemosensitivity and survival in Chinese NSCLC patients on platinum-based chemotherapy regimens. This study shows that immunohistochemistry (IHC) evaluated expression of ERCC1 and RRM1 are predictive of tumor response to platinum-based therapies. A significant correlation between the co-expression of RRM1 and ERCC1 and survival was found; however, Chinese patients with advanced NSCLC and ERCC1 positive tumors had lower survival rates compared to those lacking ERCC1 but not RRM1.

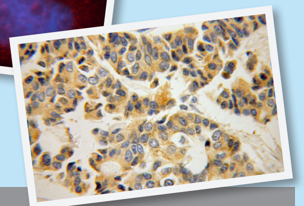
The second paper was authored by Lee et al., (Lung Cancer, 2010). This paper retrospectively assessed RRM1 expression by IHC using tissue samples from NSCLC patients. This was done to evaluate whether RMM1 is a predictor of NSCLC patient survival and response to the chemotherapy drug, gemcitabine – often used in combination with platinum-based drugs to treat NSCLC. The response rates of 38 out of 40 patients were assessable; disease control rate (classed as partial response, PR and stable disease, SD) of the RRM1-positive groups was significantly lower than that of RRM1-negative groups. In patients with gemcitabine-treated advanced NSCLC, patients with RRM1- positive tumors had worse overall survival and disease control than patients with RRM1-negative tumors.

The association of RRM1-positive NSCLC tissue with lower chemotherapy success rates is theorized to be attributed to RRM1's role in nucleotide excision repair (NER). NER plays a central part in DNA repair pathways and reduces the cytotoxicity of platinum-based chemotherapy drugs and nucleotide damage by UV-irradiation. This means patients with lower DNA repair capacity are more chemosensitive than those who carry a more proficient DNA repair system.

For more information visit www.ptglab.com







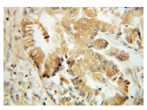
Find out more about RRM1 on P-View

Antibodies:
RRM1 10526-1- AP (Rabbit polyclonal)
RRM1 19686-1- AP (Rabbit polyclonal)
RRM1 60073-1-Ig, (Mouse monoclonal)
RRM1 60073-2-Ig, (Mouse monoclonal)
ERCC1 14586-1- AP , (Rabbit polyclonal)

Selected Publications:
Wang et al., Med Oncol. 27 2 (2010)
Lee et al., Lung Cancer, 70 2 (2010)

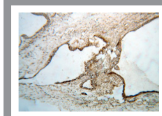
RRM1 synonyms:
R1, RIR1, RR1

Antibody	Cat. No	Type	Application	
PRDX6	13585-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	Lc
PYCARD	10500-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc



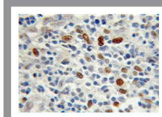
Recent Publications
Mj Parsons, Cancer Res . 2009 Mar; 69(5)

Antibody	Cat. No	Type	Application	
RAD51	14961-1-AP	Rabbit Poly	ELISA,WB	Lc
RRM1	10526-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	Lc



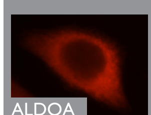
Recent Publications
JJ Lee, Lung Cancer . 2010 Nov; 70(2)

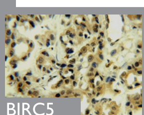
Antibody	Cat. No	Type	Application	
RRM1	19686-1-AP	Rabbit Poly	ELISA,WB	Lc
RRM1	60073-1-Ig	Mouse Mono	ELISA,WB,IHC,IF	Lc
RRM1	60073-2-Ig	Mouse Mono	ELISA,WB,IHC	Lc
SERPINB2	16035-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
TIMP1	10753-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
TKT	11039-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc

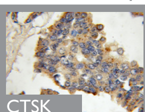


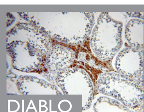
Recent Publications
CC Lin, Eur Respir J . 2010 Sep 30

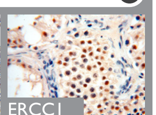
Antibody	Cat. No	Type	Application	
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
UCHL1	14730-1-AP	Rabbit Poly	ELISA,WB	Lc

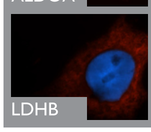

ALDOA

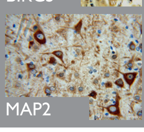

BIRC5


CTSK

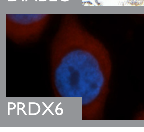

DIABLO

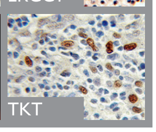

ERCC1


LDHB


MAP2

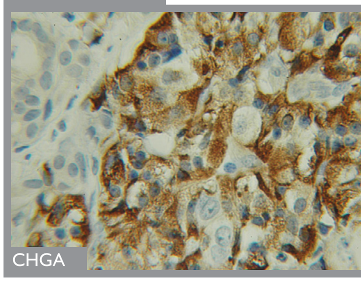

PKM2

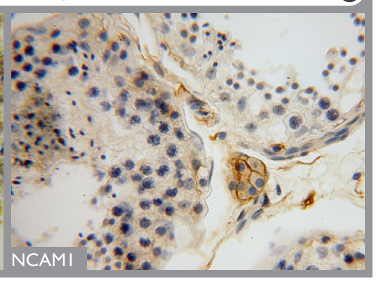

PRDX6


TKT

M Mesothelioma

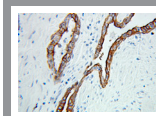
Antibody	Cat. No	Type	Application	
CHGA	10529-1-AP	Rabbit Poly	ELISA,WB,IHC	M
CHGA	60135-1-Ig	Mouse Mono	ELISA,WB	M
ENO2	10149-1-AP	Rabbit Poly	ELISA,WB	M
FLI1	11347-1-AP	Rabbit Poly	ELISA,WB	M
KRT20	17329-1-AP	Rabbit Poly	ELISA,WB,IHC	M
NCAM1	14255-1-AP	Rabbit Poly	ELISA,IHC	M
VIL1	16488-1-A	Rabbit Poly	ELISA,WB	M


CHGA


NCAM1

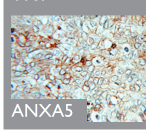
Nc Nasopharyngeal carcinoma

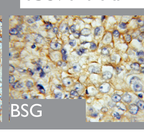
Antibody	Cat. No	Type	Application	
BMI1	10832-1-AP	Rabbit Poly	ELISA,WB,IF	Nc
CENPH	12841-1-AP	Rabbit Poly	ELISA,WB	Nc
DPP4	10940-1-AP	Rabbit Poly	ELISA,WB,IHC	Nc
KRT19	14965-1-AP	Rabbit Poly	ELISA,WB,IHC	Nc

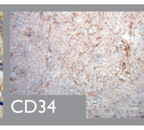


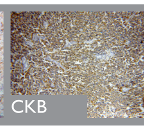
Recent Publications
R Ose, Mol Oncol . 2009 Feb; 3(1)

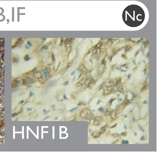
Antibody	Cat. No	Type	Application	
KRT19	10712-1-AP	Rabbit Poly	ELISA,WB,IHC	Lc
KRT19	16858-1-AP	Rabbit Poly	ELISA,WB,IHC	Nc
TK1	15691-1-AP	Rabbit Poly	ELISA,WB,IF	Nc


ANXA5


BSG


CD34


CKB

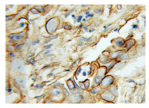

HNF1B

Other respiratory system

Antibody	Cat. No	Type	Application	
ITGB1	12594-1-AP	Rabbit Poly	ELISA,WB	O

Colorectal cancer

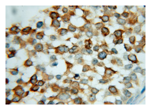
Antibody	Cat. No	Type	Application
ANTXR1	15091-1-AP	Rabbit Poly	ELISA,WB



Recent Publications

LS Minamide, J Biol Chem . 2010 Feb 19; 285(8)

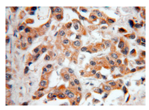
ANXA2	11256-1-AP	Rabbit Poly	ELISA,WB,IHC
ANXA2	60051-1-Ig	Mouse Mono	ELISA,WB
ARG1	16001-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

H Xue, J Proteome Res. 2010 Jan; 9(1)

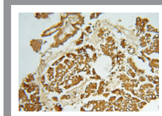
AGR2	12275-1-AP	Rabbit Poly	ELISA,WB,IHC
ATP2A2	13985-1-AP	Rabbit Poly	ELISA,WB



Recent Publications

W Chen, Biochem Pharmacol. 2010 Jul 15; 80(2)

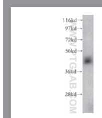
BCL2	12789-1-AP	Rabbit Poly	ELISA,WB



Recent Publications

T Gemoll, Cell Mol Life Sci. 2011 Feb 3

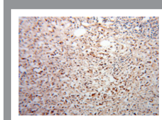
CAPZA1	11806-1-AP	Rabbit Poly	ELISA,WB,IHC
CDC25B	10644-1-AP	Rabbit Poly	ELISA,WB,IHC
CEACAM5	10421-1-AP	Rabbit Poly	ELISA,WB,IHC
CEACAM5	60053-1-Ig	Mouse Mono	ELISA,WB
CTNNB1	17565-1-AP	Rabbit Poly	ELISA,WB
CTNNB1	51067-2-AP	Rabbit Poly	ELISA,WB,IHC
FUCA1	16420-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

T Gemoll, Cell Mol Life Sci. 2011 Feb 3

GNAS	10150-2-AP	Rabbit Poly	ELISA,WB
HDAC2	12922-3-AP	Rabbit Poly	ELISA,WB.IHC,IF
KRT20	17329-1-AP	Rabbit Poly	ELISA,WB,IHC
LTF	10933-1-AP	Rabbit Poly	ELISA,WB,IHC
MDK	11009-1-AP	Rabbit Poly	ELISA,IHC,IF
MMP1	10371-2-AP	Rabbit Poly	ELISA,WB,IHC
MMP2	10373-2-AP	Rabbit Poly	ELISA,WB
NNMT	15123-1-AP	Rabbit Poly	ELISA,WB
PSME3	14907-1-AP	Rabbit Poly	ELISA,WB,IHC,IF

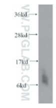


Recent Publications

G Wang, Int J Colorectal Dis . 2008 Jul; 23(7)

S100A11	10237-1-AP	Rabbit Poly	ELISA,WB,IHC
SERPINE1	13801-1-AP	Rabbit Poly	ELISA,WB,IHC
SMAD4	10231-1-AP	Rabbit Poly	ELISA,WB
SMAD4	51069-2-AP	Rabbit Poly	ELISA,WB,IHC
STAT3	10253-2-AP	Rabbit Poly	ELISA,WB
STAT3	51076-2-AP	Rabbit Poly	ELISA,WB,IHC
STAT3	10025-2-AP	Rabbit Poly	ELISA,WB,IHC
TFF1	13734-1-AP	Rabbit Poly	ELISA,WB,IHC

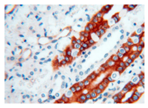
Antibody	Cat. No	Type	Application



Recent Publications

H Xue, J Proteome Res. 2010 Jan; 9(1)

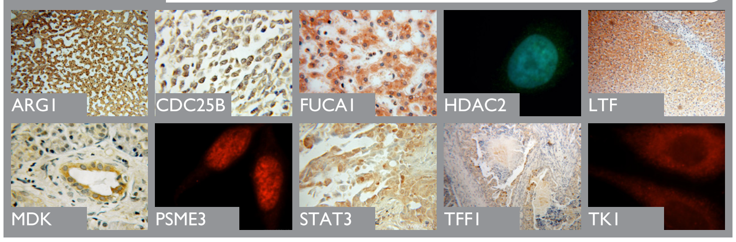
TFF3	11810-1-AP	Rabbit Poly	ELISA,WB
TK1	15691-1-AP	Rabbit Poly	ELISA,WB,IF



Recent Publications

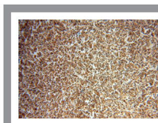
J Zhang, Mol Cancer. 2010; 9

TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC
TXNL1	15289-1-AP	Rabbit Poly	ELISA,WB
UCHL1	14730-1-AP	Rabbit Poly	ELISA,WB
VDR	14526-1-AP	Rabbit Poly	ELISA,WB
VDR	60116-1-Ig	Mouse Mono	ELISA,WB
VDR	60116-2-Ig	Mouse Mono	ELISA,WB



Esophageal cancer

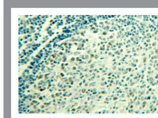
Antibody	Cat. No	Type	Application



Recent Publications

H Lui, Toxicology. 2010 Oct; 276(2)

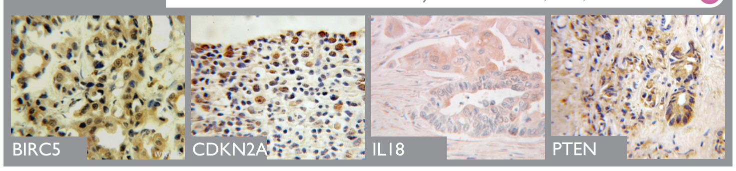
BAX	50599-2-Ig	Rabbit Poly	ELISA,WB,IHC
BIRC5	10508-1-AP	Rabbit Poly	ELISA,WB,IHC
BIRC5	19119-1-AP	Rabbit Poly	ELISA,WB,IHC
CDKN2A	10883-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
ERBB2	51105-1-AP	Rabbit Poly	ELISA,WB,IHC
ERBB2	18299-1-AP	Rabbit Poly	ELISA,WB,IHC
IL18	60070-1-Ig	Mouse Mono	ELISA,WB
IL18	10663-1-AP	Rabbit Poly	ELISA,WB,IHC
KRT14	10143-1-AP	Rabbit Poly	ELISA,WB,IHC,IF



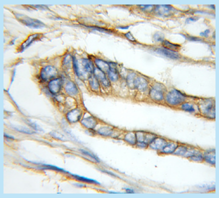
Recent Publications

IW Cunha Transl Oncol. 2010 Feb; 3(1)

MCM2	10513-1-AP	Rabbit Poly	ELISA,WB,IHC
PTEN	10047-1-AP	Rabbit Poly	ELISA,WB,IHC
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC



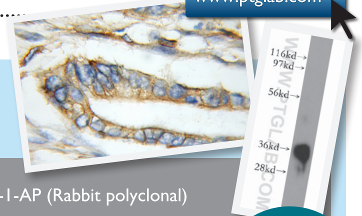
Focus on PLSCR1



PLSCR1 as a colorectal cancer biomarker

Phospholipid scramblase 1 (PLSCR1) is an endofacial plasma membrane protein proposed to participate in calcium-binding and transbilayer movement of phosphatidylserine and other phospholipids. It is suggested that PLSCR1 also plays a role in cell signaling, interacting with several protein kinases including c-Abl, c-Src and protein kinase Cδ and recent evidence proposes PLSCR1 contributes to cell proliferation, differentiation and apoptosis. The expression of PSCR1 can be induced by some cytokines such as interferon, epidermal growth factor and also by agents that induce leukemic cell differentiation such as all-trans retinoic acid (ATRA) and phorbol 12-myristate 13-acetate (PMA). It is known that PLSCR1 plays a role in the pathogenesis of leukemia as well as other cancers. A recent publication using our PLSCR1 antibody (11582-1-AP) for WB has shown that this protein is significantly elevated in both the cancerous tissue and plasma of colorectal cancer (CRC) patients. Furthermore, this was true in the case of PLSCR1 plasma levels in early-stage CRC patients compared with healthy individuals. This suggests that PLSCR1 might represent a noninvasive serological biomarker for the early detection of CRC.

For more information visit www.ptglab.com



Antibodies:
PLSCR1 11582-1-AP (Rabbit polyclonal)

Related antibodies:
C-Abl 19772-1-AP, (Rabbit polyclonal)
C-Src 17720-1-AP, (Rabbit polyclonal)

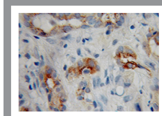
References:
Kuo, YB et al., Mol Med. 17 1-2 (2011)

PLSCR1 Synonyms:
MMTRA1B

Find out more about PLSCR1 on P-View

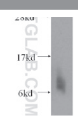
G Gastric cancer

Antibody	Cat. No	Type	Application
BIRC5	10508-1-AP	Rabbit Poly	ELISA,WB,IHC
BIRC5	19119-1-AP	Rabbit Poly	ELISA,WB,IHC
BSG	11989-1-AP	Rabbit Poly	ELISA,WB,IHC
CD44	15675-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
CEACAM5	10421-1-AP	Rabbit Poly	ELISA,WB,IHC
CEACAM5	60053-1-Ig	Mouse Mono	ELISA,WB
DDC	10166-1-AP	Rabbit Poly	ELISA,WB
ERBB2	51105-1-AP	Rabbit Poly	ELISA,WB,IHC
ERBB2	18299-1-AP	Rabbit Poly	ELISA,WB,IHC
GPC3	11145-1-AP	Rabbit Poly	ELISA,WB
GPI	15171-1-AP	Rabbit Poly	ELISA,WB
IDI	18475-1-AP	Rabbit Poly	ELISA,WB
IL18	10663-1-AP	Rabbit Poly	ELISA,WB,IHC
IL18	60070-1-Ig	Mouse Mono	ELISA,WB
MDK	11009-1-AP	Rabbit Poly	ELISA,IHC,IF



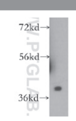
Recent Publications
Y Wei, J Cell Mol Med. 2010 Mar 9

Antibody	Cat. No	Type	Application
MMP7	10374-2-AP	Rabbit Poly	ELISA,WB,IHC
PKM2	10078-2-AP	Rabbit Poly	ELISA,WB
PKM2	15821-1-AP	Rabbit Poly	ELISA,WB,IHC
PKM2	15822-1-AP	Rabbit Poly	ELISA,WB,IHC
PLAU	17968-1-AP	Rabbit Poly	ELISA,WB
PLSCR1	11582-1-AP	Rabbit Poly	ELISA,WB,IHC
PTEN	10047-1-AP	Rabbit Poly	ELISA,WB,IHC
SERPINE1	13801-1-AP	Rabbit Poly	ELISA,WB,IHC
ST6GAL1	14355-1-AP	Rabbit Poly	ELISA,WB



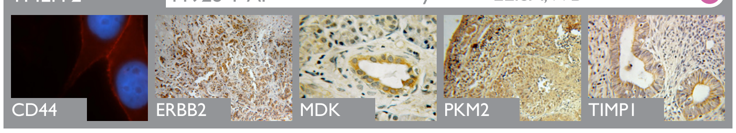
Recent Publications
H Xue, J Proteome Res. 2010 Jan; 9(1)

Antibody	Cat. No	Type	Application
TFF3	11810-1-AP	Rabbit Poly	ELISA,WB
TIMP1	10753-1-AP	Rabbit Poly	ELISA,WB,IHC

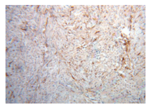


Recent Publications
M Condomines, J Immunol . 2009 Jul 15; 183(2)

Antibody	Cat. No	Type	Application
TMEFF2	11928-1-AP	Rabbit Poly	ELISA,WB

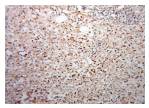


Hc Hepatocellular carcinoma



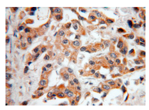
Recent Publications
YW Li, J Hepatol . 2010 Oct 1

Antibody	Cat. No	Type	Application
CD34	14486-1-AP	Rabbit Poly	ELISA,WB,IHC



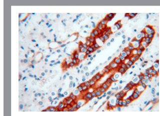
Recent Publications
C Melle, PLoS ONE. 2008; 3(12)

Antibody	Cat. No	Type	Application
S100A11	10237-1-AP	Rabbit Poly	ELISA,WB,IHC
KPNA2	10819-1-AP	Rabbit Poly	ELISA,WB,IHC



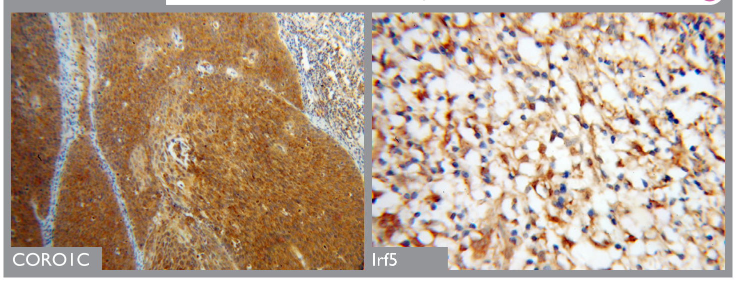
Recent Publications
H Lui, Toxicology. 2010 Oct; 276(2)

Antibody	Cat. No	Type	Application
BCL2	12789-1-AP	Rabbit Poly	ELISA,WB
CORO1C	14749-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
Irf5	10547-1-AP	Rabbit Poly	ELISA,WB,IHC
Irf5	60088-1-Ig	Mouse Mono	ELISA,WB
MDK	11009-1-AP	Rabbit Poly	ELISA,IHC,IF

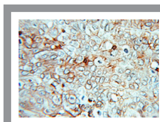


Recent Publications
L Li, Mol Cell Biochem. 2010 Sep; 342(1-2)

Antibody	Cat. No	Type	Application
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC



Pc Pancreatic cancer



Recent Publications
Y Cui, Cancer Invest. Aug 2009; 27(7)

Antibody	Cat. No	Type	Application
ANXA5	11060-1-AP	Rabbit Poly	ELISA,WB,IHC
BIRC5	10508-1-AP	Rabbit Poly	ELISA,WB,IHC

“I tested the four antibodies [OCT4, SOX2, NANOG and LIN28], all of them are excellent. Most antibodies from Proteintech are excellent and your service is also outstanding. I always recommend my colleagues to Proteintech.”

Dr Shi-Jiang Lu,
Stem Cell and Regenerative International Inc

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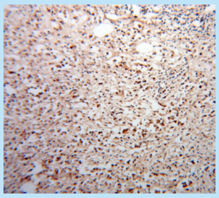
Focus on S100A11



S100A11 and cancer research

The naming of S100A11 (also known as S100C or calziggarin) systematically arises from its membership of the S100 protein family, named after their solubility in 100% saturated ammonium sulfate solution. However, despite this namesake, there is much more to these proteins than their solubility properties in ammonia based solutions. The S100 family comprises a group of multitasking, calcium-binding proteins, involved in several biological processes such as calcium signaling, transcription, cell-cycle progression and cell growth, motility and differentiation.

Roles of S100A11

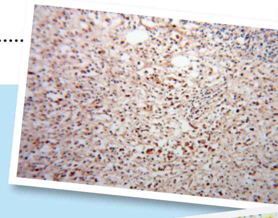
First discovered in 1989, S100A11 has since been proposed to have direct biological functions in a number of physiological processes such as endo- and exocytosis, regulation of enzyme activity, cell growth and regulation, apoptosis and inflammation. However, it is not just its role in physiologically important pathways that has gained S100A11 a spotlight in life science research; its association with the oncogenesis of many different types of tumors is a source of intrigue for the oncology community.

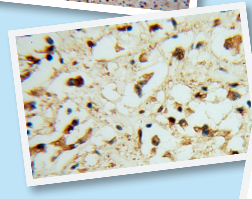
S100A11 and tumorigenesis

A number of publications, several of which featuring our polyclonal S100A11 antibody (10237-1-AP), have reported this protein's up- or down-regulation in a range of cancers and its involvement in metastasis. For example, S100A11 was identified as one of 12 proteins to be overexpressed in pancreatic cancer in a study published in Hepatobiliary and Pancreatic Diseases International last year. This study also used our S100A11 antibody to verify S100A11 overexpression by Western blotting and immunohistochemistry (IHC). To cite other examples, two separate studies show that increased levels of S100A11 expression correlate with colorectal cancer progression and that this protein is indicative of colorectal cancer metastasis to the liver using the same antibody. The latter finding could potentially provide investigators with a way of discriminating between colorectal cancer and hepatocellular derived carcinomas in this tissue. Our S100A11 antibody has also been instrumental in investigations into S100A11's role in the development of brain tumors in tuberous sclerosis complex (TSC) patients.

Related information:

Apart from its association with tumorigenesis, S100A11 has been connected with several other pathological processes including foam cell formation – a feature of atherosclerosis. Regarding this, our monoclonal S100A11 antibody (60024-1-Ig) has been used to show an increase in S100A11 expression in the human monocytic cell line THP-1, following stimulation with very low density lipoprotein (VLDL).



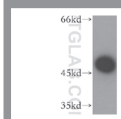


Antibodies:
S100A11 10237-1-AP (Rabbit polyclonal)
S100A11 60024-1-Ig (Mouse monoclonal)

Selected Publications:
Chen, J.H., et al., Hepatobiliary Pancreat Dis Int 8, 2 (2009)
Wang, G., et al., Int J Colorectal Dis 23, 7 (2008)
Melle, C., et al., PLoS ONE, 3 12 (2008)
Tyburczy, M.E., et al., Am J Pathol, 176 4 (2010)
Lu,Y . ,etal. , MolCells,(2009)

S100A11 synonyms:
S100C, Calziggarin

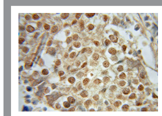
Antibody	Cat. No	Type	Application	
BIRC5	19119-1-AP	Rabbit Poly	ELISA,WB,IHC	Pc
CA3	15197-1-AP	Rabbit Poly	ELISA,WB,IHC	Pc
CDKN2A	10883-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	Pc
DPP4	10940-1-AP	Rabbit Poly	ELISA,WB,IHC	Pc
EIF4A3	17504-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	Pc



Recent Publications

N Izumi, Sci Signal. 2010; 3(116)

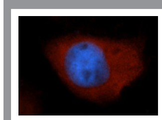
Antibody	Cat. No	Type	Application	
EIF4A3	10463-1-AP	Rabbit Poly	ELISA,WB	Pc
ENO2	10149-1-AP	Rabbit Poly	ELISA,WB	Pc
FSCN1	14384-1-AP	Rabbit Poly	ELISA,WB	Pc
GRP78	11587-1-AP	Rabbit Poly	ELISA,WB,IHC	Pc
IGF2BP3	14642-1-AP	Rabbit Poly	ELISA,WB,IHC	Pc
MIF	20415-1-AP	Rabbit Poly	ELISA,WB	Pc



Recent Publications

KB Long, Am J Surg Pathol. 2010 May 34(5)

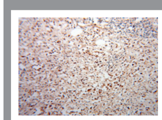
Antibody	Cat. No	Type	Application	
PAX8	10336-1-AP	Rabbit Poly	ELISA,WB,IHC	Pc
PKM2	10078-2-AP	Rabbit Poly	ELISA,WB	Pc
PKM2	15821-1-AP	Rabbit Poly	ELISA,WB,IHC	Pc
PKM2	15822-1-AP	Rabbit Poly	ELISA,WB,IHC	Pc
PSCA	17171-1-AP	Rabbit Poly	ELISA,WB	Pc
PTHLH	10817-1-AP	Rabbit Poly	ELISA,WB	Pc
REG4	12268-1-AP	Rabbit Poly	ELISA,WB	Pc



Recent Publications

S Shimamoto, FEBS Lett. 2010 Mar; 584(6)

Antibody	Cat. No	Type	Application	
S100A6	10245-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	Pc



Recent Publications

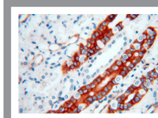
JH Chen, Hepatobiliary Pancreat Dis Int. 2009 Apr; 8(2)

Antibody	Cat. No	Type	Application	
S100A11	10237-1-AP	Rabbit Poly	ELISA,WB,IHC	Pc
SDC1	10593-1-AP	Rabbit Poly	ELISA,WB,IHC	Pc
SERPINH1	10875-1-AP	Rabbit Poly	ELISA,WB	Pc

Antibody	Cat. No	Type	Application	
SORT1	12369-1-AP	Rabbit Poly	ELISA,WB,IHC	Pc
TFRC	10084-2-AP	Rabbit Poly	ELISA,WB,IHC	Pc

RC Rectal Carcinoma Markers

Antibody	Cat. No	Type	Application	
AFP	14550-1-AP	Rabbit Poly	ELISA,WB,IHC	RC
ANPEP	14553-1-AP	Rabbit Poly	ELISA,WB	RC
FUCA1	16420-1-AP	Rabbit Poly	ELISA,WB,IHC	RC
GOLM1	15126-1-AP	Rabbit Poly	ELISA,WB,IHC	RC
GPC3	11145-1-AP	Rabbit Poly	ELISA,WB	RC
GSTP1	15902-1-AP	Rabbit Poly	ELISA,WB	RC
HSPA1A	10995-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	RC



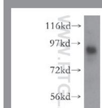
Recent Publications

W Chen, Biochem Pharmacol. 2010 Jul 15; 80(2)

Antibody	Cat. No	Type	Application	
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC	RC

d Other digestive system

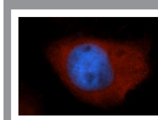
Antibody	Cat. No	Type	Application	
KIT	65042-1-Ig	Mouse Mono	ELISA,IHC	d
KIT	18696-1-AP	Rabbit Poly	ELISA,WB,IHC	d
ERBB2	51105-1-AP	Rabbit Poly	ELISA,WB,IHC	d
ERBB2	18299-1-AP	Rabbit Poly	ELISA,WB,IHC	d



Recent Publications

L Gorla, Mol Carcinog. 2009 Mar; 48(3)

Antibody	Cat. No	Type	Application	
LGALS3BP	10281-1-AP	Rabbit Poly	ELISA,WB	d
LGALS3BP	60066-1-Ig	Mouse Mono	ELISA,WB	d
LGALS3BP	60066-2-Ig	Mouse Mono	ELISA,WB	d



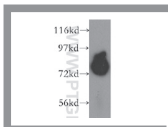
Recent Publications

NY Xu, J Toxicol Environ Health A . 2009; 72(11)

Antibody	Cat. No	Type	Application	
S100A6	10245-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	d
EBAG9	12255-1-AP	Rabbit Poly	ELISA,WB,IHC	d

Brain tumors

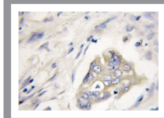
Antibody	Cat. No	Type	Application



Recent Publications

A Gentilella, J Biol Chem. 2011 Jan 13

Antibody	Cat. No	Type	Application
BAG3	10599-1-AP	Rabbit Poly	ELISA,WB
PLVAP	14452-1-AP	Rabbit Poly	ELISA,WB
PTGDS	10754-2-AP	Rabbit Poly	ELISA,WB,IHC



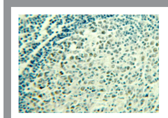
Recent Publications

Liu X, J Neuropathol Exp Neurol. 2006 Sep; 65(9)

Antibody	Cat. No	Type	Application
XIAP1	10037-1-Ig	Rabbit Poly	ELISA,WB,IHC,IF

Thyroid cancer markers

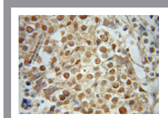
Antibody	Cat. No	Type	Application
DPP4	10940-1-AP	Rabbit Poly	ELISA,WB,IHC
FN1	15613-1-AP	Rabbit Poly	ELISA,WB,IHC
LGALS3	14979-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

Cunha IW, Transl Oncol . 2010 Feb; 3(1)

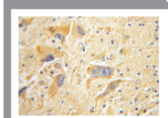
Antibody	Cat. No	Type	Application
MCM2	10513-1-AP	Rabbit Poly	ELISA,WB,IHC
MMP2	10373-2-AP	Rabbit Poly	ELISA,WB



Recent Publications

Nonaka D, Mod Pathol . 2008 Feb; 21(2)

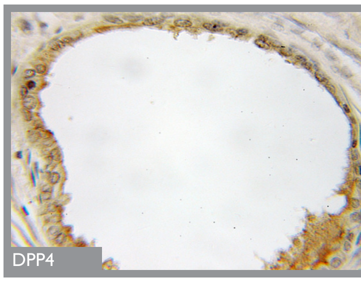
Antibody	Cat. No	Type	Application
PAX8	10336-1-AP	Rabbit Poly	ELISA,WB,IHC



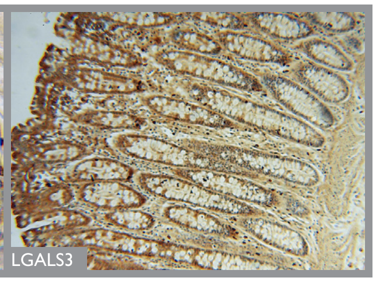
Recent Publications

J Ding, Nat Cell Biol. 2010 Apr; 12(4)

Antibody	Cat. No	Type	Application
PTK2	12636-1-AP	Rabbit Poly	ELISA,WB,IHC
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC
TSHR	14450-1-AP	Rabbit Poly	ELISA,WB



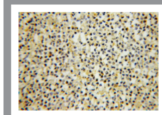
DPP4



LGALS3

Other nervous system

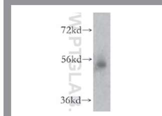
Antibody	Cat. No	Type	Application
ADM	10778-1-AP	Rabbit Poly	ELISA,WB



Recent Publications

Eisenhofer G, Am J Physiol Endocrinol Metab. 2008 Nov; 295(5)

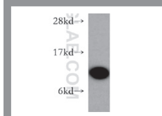
Antibody	Cat. No	Type	Application
ANXA7	10154-2-AP	Rabbit Poly	ELISA,WB,IHC
CD40LG	16668-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

M Ming, J Transl Med . 2009; 7

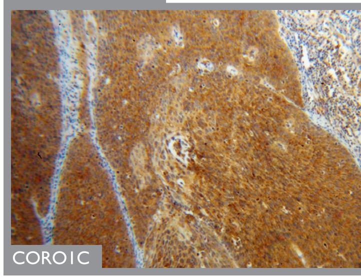
Antibody	Cat. No	Type	Application
DDC	10166-1-AP	Rabbit Poly	ELISA,WB
ENO2	10149-1-AP	Rabbit Poly	ELISA,WB
MYCN	10159-2-AP	Rabbit Poly	ELISA,WB,IHC



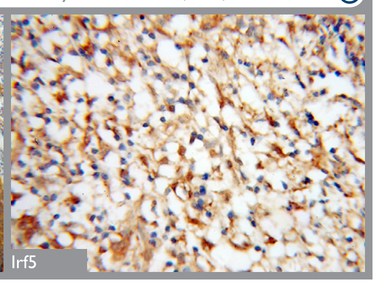
Recent Publications

Tyburczy ME, Am J Pathol. 2010 Apr; 176(4)

Antibody	Cat. No	Type	Application
S100A11	10237-1-AP	Rabbit Poly	ELISA,WB
SEMG1	15916-1-AP	Rabbit Poly	ELISA,WB,IHC



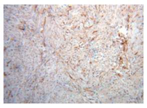
CORO1C



Irf5

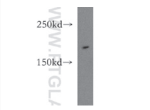
Angiogenesis Markers

Antibody	Cat. No	Type	Application
ANG	18302-1-AP	Rabbit Poly	ELISA,WB,IHC
ANTXR1	15091-1-AP	Rabbit Poly	ELISA,WB



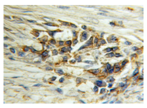
Recent Publications
YW Li, J Hepatol . 2010 Oct 1

Antibody	Cat. No	Type	Application
CD34	14486-1-AP	Rabbit Poly	ELISA,WB,IHC



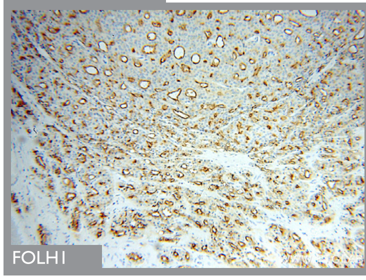
Recent Publications
E Tskitishvili, Mol Hum Reprod. 2010 Mar; 16(3)

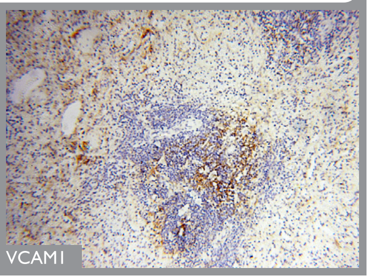
Antibody	Cat. No	Type	Application
ENG	10862-1-AP	Rabbit Poly	ELISA,WB
FOLH1	13163-1-AP	Rabbit Poly	ELISA,WB,IHC
ITGA5	10569-1-AP	Rabbit Poly	ELISA,WB
ITGB1	12594-1-AP	Rabbit Poly	ELISA,WB
MCAM	17564-1-AP	Rabbit Poly	ELISA,WB,IHC
MED28	16262-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications
SJ Lu, Regen Med. 2009 Jan; 4(1)

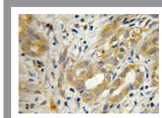
Antibody	Cat. No	Type	Application
PECAM1	11265-1-AP	Rabbit Poly	ELISA,WB,IHC
PLVAP	14452-1-AP	Rabbit Poly	ELISA,WB
SDC1	10593-1-AP	Rabbit Poly	ELISA,WB,IHC
THBS1	18304-1-AP	Rabbit Poly	ELISA,WB
VCAM1	11444-1-AP	Rabbit Poly	ELISA,WB,IHC


FOLH1


VCAM1

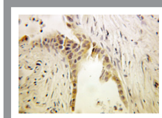
Hypoxia Markers

Antibody	Cat. No	Type	Application
CA9	11071-1-AP	Rabbit Poly	ELISA,WB,IHC
CA9	11443-1-AP	Rabbit Poly	ELISA,WB
CKB	15137-1-AP	Rabbit Poly	ELISA,WB,IHC
CKB	18713-1-AP	Rabbit Poly	ELISA,WB,IHC
CLU	12289-1-AP	Rabbit Poly	ELISA,WB,IHC
CREB1	12208-1-AP	Rabbit Poly	ELISA,WB



Recent Publications
Mazan-Mamczarz K, Mol Cell Biol. 2006 Apr; 26(7)

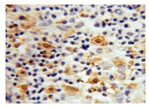
Antibody	Cat. No	Type	Application
EEF1B2	10095-2-AP	Rabbit Poly	ELISA,WB,IHC,IF



Recent Publications
Fofana B, Proteomics. 2010 Feb; 10(3)

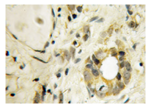
Antibody	Cat. No	Type	Application
EEF1B2	10483-1-AP	Rabbit Poly	ELISA,WB,IHC
EGFR	51071-2-AP	Rabbit Poly	ELISA,WB,IHC
EGFR	18986-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
ENO2	10149-1-AP	Rabbit Poly	ELISA,WB
HIF1AN	10646-1-AP	Rabbit Poly	ELISA,WB

Inflammatory markers



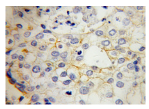
Recent Publications
DJ Yan, Biosci Biotechnol Biochem. 2010 Oct 23; 74(10)

Antibody	Cat. No	Type	Application
AIF1	10904-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
B2M	13511-1-AP	Rabbit Poly	ELISA,WB,IHC
CD40LG	16668-1-AP	Rabbit Poly	ELISA,WB,IHC
CTSK	11239-1-AP	Rabbit Poly	ELISA,WB,IHC



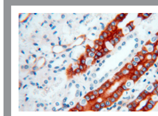
Recent Publications
W Chen, Biochem Pharmacol. 2010 Jul 15; 80(2)

Antibody	Cat. No	Type	Application
FAS	13098-1-AP	Rabbit Poly	ELISA,WB,IHC
FCN1	11775-1-AP	Rabbit Poly	ELISA,WB
FN1	15613-1-AP	Rabbit Poly	ELISA,WB,IHC



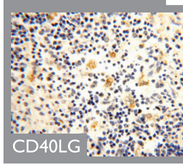
Recent Publications
Ohkubo Y, Int J Radiat Oncol Biol Phys . 2010 Dec 1; 78(5)

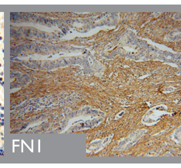
Antibody	Cat. No	Type	Application
ICAM1	10831-1-AP	Rabbit Poly	ELISA,WB,IHC
ICAM1	15364-1-AP	Rabbit Poly	ELISA,WB,IHC
IL18	10663-1-AP	Rabbit Poly	ELISA,WB,IHC
IL18	60070-1-Ig	Mouse Mono	ELISA,WB
LBP	11836-1-AP	Rabbit Poly	ELISA,WB,IHC
LTF	10933-1-AP	Rabbit Poly	ELISA,WB,IHC
PTX3	13797-1-AP	Rabbit Poly	ELISA,WB
S100A9	14226-1-AP	Rabbit Poly	ELISA,WB,IHC
THBD	14318-1-AP	Rabbit Poly	ELISA,WB,IHC

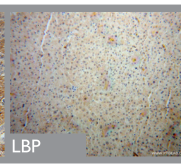


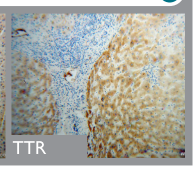
Recent Publications
L Li, Mol Cell Biochem. 2010 Sep; 342(1-2)

Antibody	Cat. No	Type	Application
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC
TTR	11891-1-AP	Rabbit Poly	ELISA,WB,IHC


CD40LG

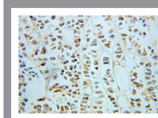

FN1


LBP


TTR

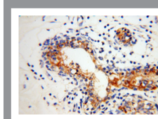
Necrosis markers

Antibody	Cat. No	Type	Application
LDHB	14824-1-AP	Rabbit Poly	ELISA,WB,IHC,IF



Recent Publications
X Li, J Cell Mol Med . 2011 Jan 20

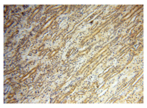
Antibody	Cat. No	Type	Application
FABP3	10676-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications
AL Wang, PLoS One. 2009; 4(4)

Antibody	Cat. No	Type	Application
GUSB	16332-1-AP	Rabbit Poly	ELISA,WB,IHC

Antibody	Cat. No	Type	Application



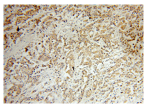
Recent Publications

Dang L, Nature. 2009 Dec 10; 462(774)

Antibody	Cat. No	Type	Application
IDH1	12332-1-AP	Rabbit Poly	ELISA,WB,IHC
IL18	10663-1-AP	Rabbit Poly	ELISA,WB,IHC
IL18	60070-1-lg	Mouse Mono	ELISA,WB
LDHB	19988-1-AP	Rabbit Poly	ELISA,WB
MB	16048-1-AP	Rabbit Poly	ELISA,WB,IHC

Oncogenes and Tumour Suppressors

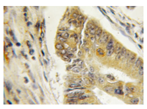
Antibody	Cat. No	Type	Application
AFP	14550-1-AP	Rabbit Poly	ELISA,WB,IHC
AXL	13196-1-AP	Rabbit Poly	ELISA,WB
BCAR1	16815-1-AP	Rabbit Poly	ELISA,WB,IHC,IF



Recent Publications

Liu H et al.Toxicology 2010 276(2) 115-21

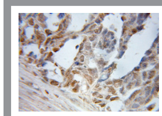
Antibody	Cat. No	Type	Application
BCL2	12789-1-AP	Rabbit Poly	ELISA,WB



Recent Publications

Cui T etc al. Brain Res. 2011

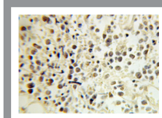
Antibody	Cat. No	Type	Application
BECN1	11306-1-AP	Rabbit Poly	ELISA,WB,IHC
BTG1	14879-1-AP	Rabbit Poly	ELISA,WB,IHC
BUB1B	11504-2-AP	Rabbit Poly	ELISA,WB,IHC
CCNA1	13295-1-AP	Rabbit Poly	ELISA,WB
CCNA2	18202-1-AP	Rabbit Poly	ELISA,WB
CDH13	12618-1-AP	Rabbit Poly	ELISA,WB,IHC
CHEK1	10362-1-AP	Rabbit Poly	ELISA,WB
CHEK1	65016-1-lg	Mouse Mono	ELISA,WB,IHC
CITED2	15021-1-AP	Rabbit Poly	ELISA,WB
CUL1	12895-1-AP	Rabbit Poly	ELISA,WB,IHC
CUL3	11107-1-AP	Rabbit Poly	ELISA,WB,IHC
DPH1	20112-1-AP	Rabbit Poly	ELISA,WB
EGFR	51071-2-AP	Rabbit Poly	ELISA,WB,IHC
EGFR	18986-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
ELAC2	10071-1-AP	Rabbit Poly	ELISA,WB



Recent Publications

Liu L et al. Prostate. 2010 70(7) 797-805

Antibody	Cat. No	Type	Application
ELL	51044-1-AP	Rabbit Poly	ELISA,WB,IHC
ELL2	12727-1-AP	Rabbit Poly	ELISA,WB
ERBB2	51105-1-AP	Rabbit Poly	ELISA,WB,IHC
ERBB2	18299-1-AP	Rabbit Poly	ELISA,WB,IHC
ERBB3	10369-1-AP	Rabbit Poly	ELISA,IHC
ERBB4	19943-1-AP	Rabbit Poly	ELISA,WB

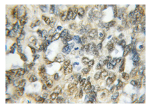


Recent Publications

Lai JL et al. Cancer Sci 2009 100(7) 1261-6

Antibody	Cat. No	Type	Application
ERCC2	10818-1-AP	Rabbit Poly	ELISA,WB,IHC
ERG	14356-1-AP	Rabbit Poly	ELISA,WB,IHC
ETS1	12118-1-AP	Rabbit Poly	ELISA,WB

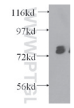
Antibody	Cat. No	Type	Application
FLI1	11347-1-AP	Rabbit Poly	ELISA,WB
FSCN1	14384-1-AP	Rabbit Poly	ELISA,WB



Recent Publications

Shan X et al. Proc Natl Acad Sci USA 2010 107(37) 16325-30

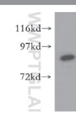
Antibody	Cat. No	Type	Application
FUS	11570-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
FUS	60160-1-lg	Mouse Mono	ELISA,WB
IRF2	12525-1-AP	Rabbit Poly	ELISA,WB,IHC
IRF3	11312-1-AP	Rabbit Poly	ELISA,WB,IF
IRF4	11247-2-AP	Rabbit Poly	ELISA,WB,IHC
IRF5	10547-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

Martin HJ et al J. Virol 2007 81(18) 9748-58

Antibody	Cat. No	Type	Application
IRF5	60088-1-lg	Mouse Mono	ELISA,WB
IRF8	18977-1-AP	Rabbit Poly	ELISA,WB,IHC
IRF9	14167-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
KIT	65042-1-lg	Mouse Mono	ELISA,IHC
KIT	18696-1-AP	Rabbit Poly	ELISA,WB,IHC
MAGEB18	17494-1-AP	Rabbit Poly	ELISA,WB,IHC
MAGEB4	12786-2-AP	Rabbit Poly	ELISA,WB
MAGED1	11539-1-AP	Rabbit Poly	ELISA,WB,IHC
MAGED2	15252-1-AP	Rabbit Poly	ELISA,WB,IF
MAGED4	16809-1-AP	Rabbit Poly	ELISA,WB
MCL1	16225-1-AP	Rabbit Poly	ELISA,WB,IHC
MCL1	15825-1-AP	Rabbit Poly	ELISA,WB,IHC
MED19	13418-1-AP	Rabbit Poly	ELISA,WB
MEIS2	11550-1-AP	Rabbit Poly	ELISA,WB,IHC
MEIS3	12775-1-AP	Rabbit Poly	ELISA,WB
MLF1	13100-1-AP	Rabbit Poly	ELISA,WB,IHC
MLF2	11835-1-AP	Rabbit Poly	ELISA,WB,IHC



Recent Publications

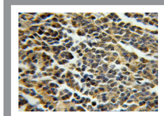
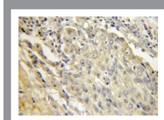
Jin P et al Cancer Prec Res (Phil Pa) 2010 3(8) 910-6

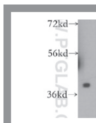
Antibody	Cat. No	Type	Application
MLH1	11697-1-AP	Rabbit Poly	ELISA,WB
MME	18008-1-AP	Rabbit Poly	ELISA,WB,IHC
MME	10302-1-AP	Rabbit Poly	ELISA,WB
MME	60034-1-lg	Mouse Mono	ELISA,WB
MME	60034-2-lg	Mouse Mono	ELISA,IHC
MME	60034-3-lg	Mouse Mono	ELISA,IHC
MME	60034-4-lg	Mouse Mono	ELISA,IHC
OGFR	11177-1-AP	Rabbit Poly	ELISA,WB,IHC
PCBP4	11046-2-AP	Rabbit Poly	ELISA,WB
PDGFRA	60045-1-lg	Mouse Mono	ELISA,WB
PDGFRB	13449-1-AP	Rabbit Poly	ELISA,WB
PHF17	15032-1-AP	Rabbit Poly	ELISA,WB
PLXDC2	12285-1-AP	Rabbit Poly	ELISA,WB
PMS1	10859-1-AP	Rabbit Poly	ELISA,IHC

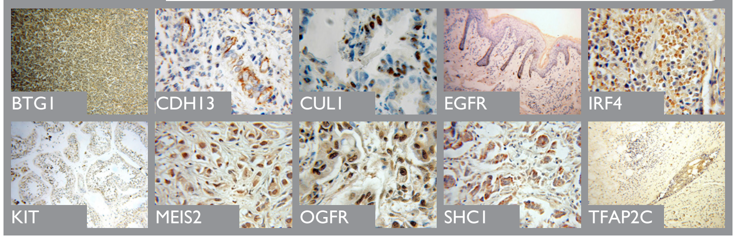
"The GADD34 antibody from Proteintech was extremely useful for our pharmacodynamic biomarker work. We were able to use it for Western blots and immunohistochemistry of cultured cells and xenograft tumors"

Dr Allison Berger,
Millennium Pharmaceuticals Inc.

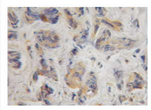
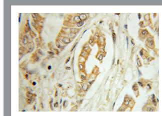
Turn page for more

Antibody	Cat. No	Type	Application
PMS2	18164-1-AP	Rabbit Poly	ELISA,WB
PROX1	11067-2-AP	Rabbit Poly	ELISA,WB,IHC,IF
	**Recent Publications** Charest-Marcotte A et al. Genes Dev. 2010 24(6) 537-42		
PROX1	51043-1-AP	Rabbit Poly	ELISA,WB,IHC
PROX1	19554-1-AP	Rabbit Poly	ELISA,WB
PTK6	65037-1-Ig	Rabbit Poly	ELISA,WB
PTK6	18697-1-AP	Rabbit Poly	ELISA,WB,IHC
RARA	10331-1-AP	Rabbit Poly	ELISA
RARB	14013-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
RARB	60119-1-Ig	Mouse Mono	ELISA,WB
	**Recent Publications** Volle DH et al. J. Clin Invest 2009 119(12) 3752-64		
RARG	11424-1-AP	Rabbit Poly	ELISA,WB
	**Recent Publications** Wiehofen A Biochemistry 2009 48 (9) 2045-52		
RHOT2	11237-1-AP	Rabbit Poly	ELISA,WB,IHC
S100A3	12343-1-AP	Rabbit Poly	ELISA,WB
S100A5	17924-1-AP	Rabbit Poly	ELISA,WB,IHC
SHC1	10054-1-AP	Rabbit Poly	ELISA,WB,IHC
SHC1	12496-1-AP	Rabbit Poly	ELISA,WB,IHC
SKP2	15010-1-AP	Rabbit Poly	ELISA,WB
SMAD1	10429-1-AP	Rabbit Poly	ELISA,WB
SMAD2	12570-1-AP	Rabbit Poly	ELISA,WB,IHC
SMAD3	51145-1-AP	Rabbit Poly	ELISA,WB
SMAD4	10231-1-AP	Rabbit Poly	ELISA,WB
SMAD4	51069-2-AP	Rabbit Poly	ELISA,WB,IHC
SMAD5	12167-1-AP	Rabbit Poly	ELISA,WB,IF
SMAD9	16397-1-AP	Rabbit Poly	ELISA,WB
TACC1	13862-1-AP	Rabbit Poly	ELISA,WB
TACC2	11407-1-AP	Rabbit Poly	ELISA,WB,IHC
TFAP2A	13019-3-AP	Rabbit Poly	ELISA,WB
TFAP2B	13183-1-AP	Rabbit Poly	ELISA,WB
TFAP2C	14572-1-AP	Rabbit Poly	ELISA,WB,IHC
TMEFF1	12978-1-AP	Rabbit Poly	ELISA,WB

Antibody	Cat. No	Type	Application
	**Recent Publications** Condomines M et al J immunol. 2009 183(2) 832-40		
TMEFF2	11928-1-AP	Rabbit Poly	ELISA,WB
TRIM27	12205-1-AP	Rabbit Poly	ELISA,WB,IHC



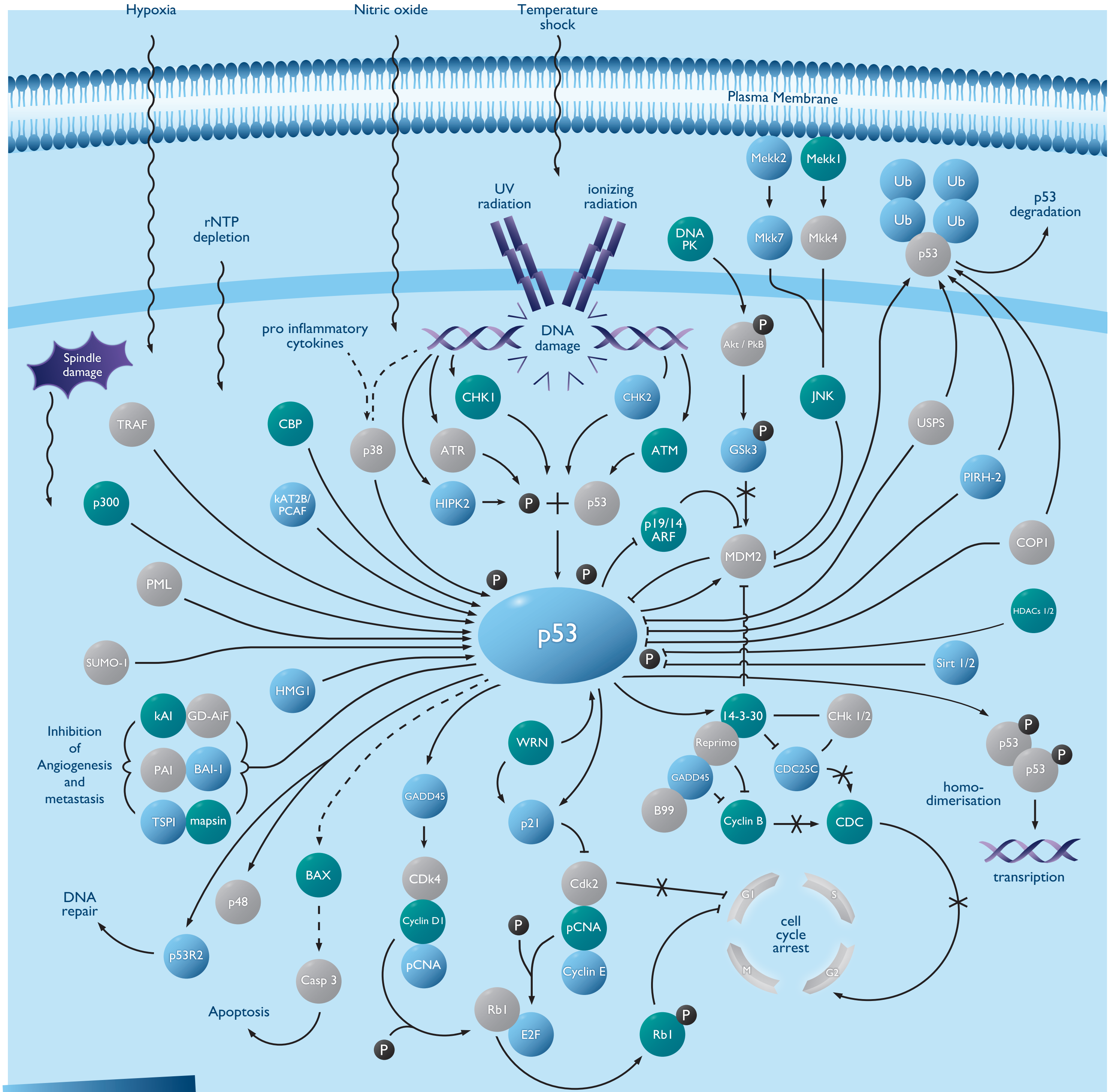
Oncogenes

Antibody	Cat. No	Type	Application
ABL2	17693-1-AP	Rabbit Poly	ELISA,WB
ABL2	65041-1-Ig	Mouse Mono	ELISA,WB
AFF4	13197-1-AP	Rabbit Poly	ELISA,WB
AFF4	14662-1-AP	Rabbit Poly	ELISA,WB
BCL2L1	10783-1-AP	Rabbit Poly	ELISA,WB,IHC
	**Recent Publications** Lin C J Bone Miner Res. 2009 24(10) 1651-61		
BCL2L14	12846-1-AP	Rabbit Poly	ELISA,WB,IHC
	**Recent Publications** Liu c Int J Cancer 2010		
BLK	10510-1-AP	Rabbit Poly	ELISA,WB,IHC
BLK	65044-1-Ig	Mouse Mono	ELISA,IHC
ETV4	10684-1-AP	Rabbit Poly	ELISA,WB,IHC
ETV5	13011-1-AP	Rabbit Poly	ELISA,WB
ETV6	13182-1-AP	Rabbit Poly	ELISA,WB
FGF7	10939-1-AP	Rabbit Poly	ELISA
FRK	16197-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
HCK	11600-1-AP	Rabbit Poly	ELISA,WB,IHC
HRAS	18295-1-AP	Rabbit Poly	ELISA,WB,IHC
IHH	13388-1-AP	Rabbit Poly	ELISA,WB
JUN	10024-2-AP	Rabbit Poly	ELISA,WB
JUNB	10486-1-AP	Rabbit Poly	ELISA,WB,IHC
KRAS	12063-1-AP	Rabbit Poly	ELISA,WB,IHC
KRAS	16155-1-AP	Rabbit Poly	ELISA,WB,IF
KRAS	16156-1-AP	Rabbit Poly	ELISA,WB,IHC
KRAS	18294-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
LCK	12477-1-AP	Rabbit Poly	ELISA,WB,IHC
LCK	60162-1-Ig	Mouse Mono	ELISA,WB
LCK	60162-2-Ig	Mouse Mono	ELISA,WB
LCK	65028-1-Ig	Mouse Mono	ELISA,WB
LYN	65038-1-Ig	Mouse Mono	ELISA,WB
MAS1L	20080-1-AP	Rabbit Poly	ELISA,WB

"Proteintech was the first company to provide a commercially available FKBPL antibody, this greatly enhanced our research into full characterization of this gene product. We have always found that Proteintech provides an efficient service and that the antibody itself is highly specific."

Dr Hayley McKeen,
Queen's University, Belfast.

Turn page for more

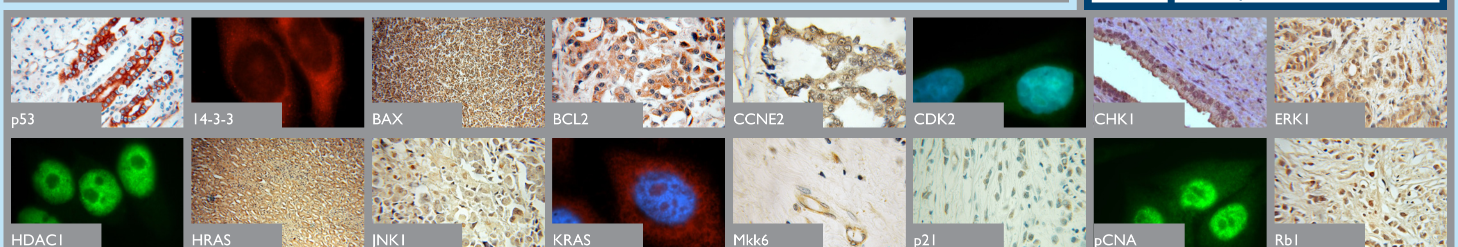


P53 pathway

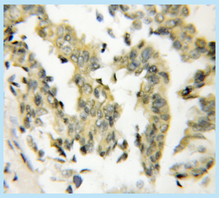
The p53 pathway responds to stresses, both internal and external to the cell, that can disrupt the fidelity of DNA replication and cell division. Stress signals, such as those triggered by gamma or UV radiation, base alkylation, depurination of DNA or oxidative free radicals, are transmitted to p53 by proteins that post-translationally modify it. These modifications result in the activation of the p53 protein as a transcription factor that can initiate cell cycle arrest, cellular senescence or apoptosis via its "switching on" cascades of p53-responsive genes. The deleterious effects of intrinsic or extrinsic stresses, which could result in aberrant DNA replication, genome instability or anomalies in chromosome segregation, are accommodated (cell cycle arrest and DNA repair) or, alternatively, eliminated (apoptosis) by the p53 pathway in this way. In addition to these responses at the single-cell level, the p53 pathway of one cell can communicate with neighbouring cells by triggering the secretion of proteins that may alter the cellular environment. For example, p53 pathway-secreted proteins can alter the extracellular matrix and influence angiogenic signals in a localized region of tissue. Overall, the p53 pathway plays an important role in our understanding of cancer as its loss-of-function is a common feature of human cancers.

Legend

- - -→	Indirectly Activates
——	Association
——┤	Inhibits
+P	Phosphorylates
+	Dissociation
——→	Directly Activates



Focus on LIN28



Effects of SMYD3 alterations in breast cancer

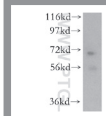
SET and MYND domain-containing protein 3 (SMYD3) is a histone methyltransferase that plays an important role in transcriptional regulation and is involved in cancer cell proliferation. Its over- expression has previously been shown to affect cancer cell viability, adhesion and migration, indicating SMYD3 may be a novel therapeutic target against the metastasis of human cancers. A recent publication uses our SMYD3 rabbit polyclonal antibody (12011-1-AP) to show SMYD3 down- regulation can induce G1-phase cell cycle arrest, revealing its decrease as a potent apoptotic trigger in breast cancer cells (PMID: 20957523). Further studies involving this protein are hoped to facilitate the development of strategies to prevent the progression of the cell cycle in breast cancer cells.

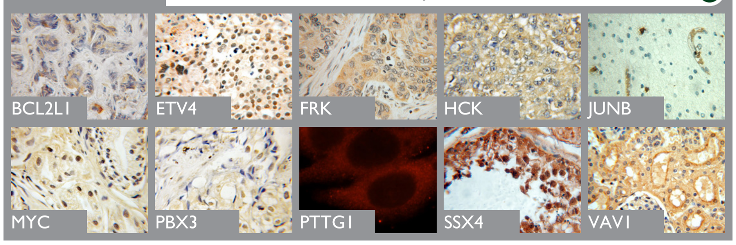
For more information visit www.ptglab.com

Antibodies:
SMYD3 12011-1-AP (Rabbit polyclonal)

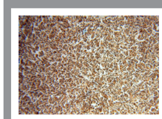
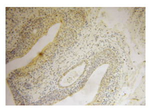
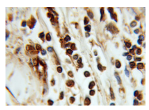
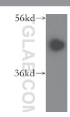
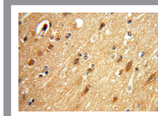
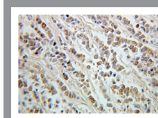
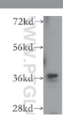
Selected Publications:
Ren T.N, et al., Med Oncol. 2010

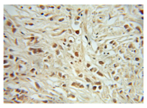
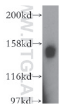
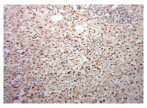
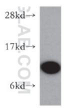
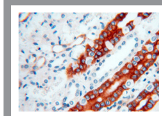
SMYD3 synonyms:
SMYD3, FLJ21080, MGC104324, ZMYND1, ZNFN3A1, bA74P14.1

Antibody	Cat. No	Type	Application
MDM4	17914-1-AP	Rabbit Poly	ELISA,WB
MET	19971-1-AP	Rabbit Poly	ELISA,WB
MYC	10828-1-AP	Rabbit Poly	ELISA,WB,IHC
MYC	10057-1-AP	Rabbit Poly	ELISA,WB
	Recent Publications: Xu B Mol Cell Biochem 2011		
MYC	10059-1-AP	Rabbit Poly	ELISA,WB
MYCN	10159-2-AP	Rabbit Poly	ELISA,WB
NFKB2	10409-2-AP	Rabbit Poly	ELISA,WB,IHC
NFKB2	51085-1-AP	Rabbit Poly	ELISA,WB
NFKB2	15503-1-AP	Rabbit Poly	ELISA,WB,IHC
NRAS	10724-1-AP	Rabbit Poly	ELISA
PBX3	12571-1-AP	Rabbit Poly	ELISA,WB,IHC
PNMA2	16445-1-AP	Rabbit Poly	ELISA,WB
PTTG1	18040-1-AP	Rabbit Poly	ELISA,WB,IF
RAF1	12388-1-AP	Rabbit Poly	ELISA,WB
RRAS	11647-1-AP	Rabbit Poly	ELISA,WB,IHC
SH3BP4	17691-1-AP	Rabbit Poly	ELISA,WB
SRC	11097-1-AP	Rabbit Poly	ELISA,WB,IHC
SSX4	15876-1-AP	Rabbit Poly	ELISA,WB,IHC
SSX5	12401-1-AP	Rabbit Poly	ELISA,WB
VAV1	16364-1-AP	Rabbit Poly	ELISA,WB,IHC
YES1	20243-1-AP	Rabbit Poly	ELISA,WB

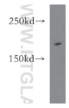
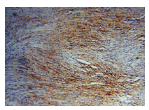


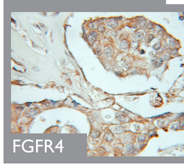
Ts Tumor suppressors

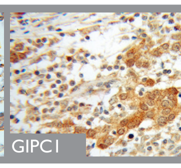
Antibody	Cat. No	Type	Application	
APC	19782-1-AP	Rabbit Poly	ELISA,WB	Ts
ARMC10	20506-1-AP	Rabbit Poly	ELISA,WB	Ts
AXIN1	16541-1-AP	Rabbit Poly	ELISA,WB	Ts
	Recent Publications: Hu J Lab Invest 2010 90(12) 1737-46)			
BAX	50599-2-Ig	Rabbit Poly	ELISA,WB,IHC	Ts
BRCA1	20649-1-AP	Rabbit Poly	ELISA,WB	Ts
BRCA2	19791-1-AP	Rabbit Poly	ELISA,WB	Ts
CDKN1A	10355-1-AP	Rabbit Poly	ELISA,WB	Ts
CDKN1A	10240-1-AP	Rabbit Poly	ELISA,WB,IHC,IF	Ts
CDKN1B	11710-1-AP	Rabbit Poly	ELISA,WB,IHC	Ts
CDKN1C	19804-1-AP	Rabbit Poly	ELISA,WB	Ts
CDKN2D	10272-2-AP	Rabbit Poly	ELISA,WB,IHC,IF	Ts
DLEC1	20027-1-AP	Rabbit Poly	ELISA,WB	Ts
EIF4EBP1	65030-1-Ig	Mouse Mono	ELISA,WB,IHC	Ts
FBLIM1	13349-1-AP	Rabbit Poly	ELISA,WB,IHC	Ts
ING1	16185-1-AP	Rabbit Poly	ELISA,WB	Ts
	Recent Publications: Smith KT et al. Chem Biol 2010 17(1) 65-74			
ING2	11560-1-AP	Rabbit Poly	ELISA,WB,IHC	Ts
	Recent Publications: Chen G et al. Oncogene 2010 29(10) 1498-508			
ING3	10905-1-AP	Rabbit Poly	ELISA,WB,IHC	Ts
	Recent Publications: Klironomos G Brain Pathol. 2010 20(2) 490-7			
ING3	16187-1-AP	Rabbit Poly	ELISA,WB	Ts
ING4	10617-1-AP	Rabbit Poly	ELISA,WB	Ts
	Recent Publications: Xing YN Hum Pathol. 2011 42(1) 25-35			
ING4	16188-1-AP	Rabbit Poly	ELISA,WB,IHC	Ts
ING4	60110-1-Ig	Mouse Mono	ELISA,WB,IHC	Ts
	Recent Publications: Cai MY et al. Cancer Sci 2010 101(6) 1543-9			
ING5	10665-1-AP	Rabbit Poly	ELISA,WB,IHC	Ts
LOX	17958-1-AP	Rabbit Poly	ELISA,WB,IHC	Ts
NEO1	20246-1-AP	Rabbit Poly	ELISA,WB	Ts
	Recent Publications: Cai MY et al. Cancer Sci 2010 101(6) 1543-9			
PINX1	12368-1-AP	Rabbit Poly	ELISA,WB	Ts
PTEN	10047-1-AP	Rabbit Poly	ELISA,WB,IHC	Ts

Antibody	Cat. No	Type	Application
RB1	17218-1-AP	Rabbit Poly	ELISA,WB
	Recent Publications: Zang Y J Biol Chem. 2009 284(10) 6175-84		
RB1	10048-2-Ig	Mouse Mono	ELISA,WB,IHC
	Recent Publications: Guo L et al. Chem Biol Interact. 2009 181(1) 138-43		
RBL1	13354-1-AP	Rabbit Poly	ELISA,WB
RBL2	12685-1-AP	Rabbit Poly	ELISA,WB
	Recent Publications: Gorsler T et al. BMC Cell Biol 2010 11(1) 100		
S100A11	10237-1-AP	Rabbit Poly	ELISA,WB,IHC
	Recent Publications: Lu Y Mol Cells 2009		
S100A11	60024-1-Ig	Mouse Mono	ELISA,WB
ST5	12893-1-AP	Rabbit Poly	ELISA,WB
ST7	11945-1-AP	Rabbit Poly	ELISA,WB,IHC
ST7L	17567-1-AP	Rabbit Poly	ELISA,WB
SUFU	10836-1-AP	Rabbit Poly	ELISA,IHC
TES	10258-1-AP	Rabbit Poly	ELISA,WB
TNS3	20053-1-AP	Rabbit Poly	ELISA,WB
	Recent Publications: Li L et al. Mol Cell Biochem 2010 342(1-2) 125-31		
TP53	10442-1-AP	Rabbit Poly	ELISA,WB,IHC
TP63	12143-1-AP	Rabbit Poly	ELISA,WB
WT1	12609-1-AP	Rabbit Poly	ELISA,WB

Other oncogenesis

Antibody	Cat. No	Type	Application
CNTFR	10796-1-AP	Rabbit Poly	ELISA,WB
CSF3R	14474-1-AP	Rabbit Poly	ELISA,WB
CSF3R	18310-1-AP	Rabbit Poly	ELISA,WB
CTSB	12216-1-AP	Rabbit Poly	ELISA,WB
	Recent Publications: Tskitishvili E Mol Hum Reprod 2010 16(3) 188-99		
ENG	10862-1-AP	Rabbit Poly	ELISA,WB
FGFR2	13042-1-AP	Rabbit Poly	ELISA,WB
FGFR2	60106-1-Ig	Mouse Mono	ELISA,WB
FGFR4	11098-1-AP	Rabbit Poly	ELISA,WB,IHC
GIPC1	14822-1-AP	Rabbit Poly	ELISA,WB,IHC,IF
GIPC2	12832-1-AP	Rabbit Poly	ELISA,WB
IHH	13388-1-AP	Rabbit Poly	ELISA,WB
MAGEA1	12233-1-AP	Rabbit Poly	ELISA,WB
MAGEA10	15295-1-AP	Rabbit Poly	ELISA,WB
MAGEA11	15474-1-AP	Rabbit Poly	ELISA,WB
MAGEA3	60054-1-Ig	Mouse Mono	ELISA,WB,IHC
MAGEA6	14602-1-AP	Rabbit Poly	ELISA,WB,IHC
MAGEA8	15045-1-AP	Rabbit Poly	ELISA,WB
MAGEC2	10280-1-AP	Rabbit Poly	ELISA,WB,IHC
MAGEC2	60040-1-Ig	Mouse Mono	ELISA
	Recent Publications: Hedlund E Brain 2010 133(pt 8) 2313-30		
PGF	10642-1-AP	Rabbit Poly	ELISA,WB,IHC
ROCK1	20247-1-AP	Rabbit Poly	ELISA,WB
ROCK2	20248-1-AP	Rabbit Poly	ELISA,WB
SMYD3	12011-1-AP	Rabbit Poly	ELISA,WB,IHC
STAT3	10253-2-AP	Rabbit Poly	ELISA,WB
STAT3	51076-2-AP	Rabbit Poly	ELISA,WB,IHC
STAT3	10025-2-AP	Rabbit Poly	ELISA,WB,IHC
ULBP1	17715-1-AP	Rabbit Poly	ELISA,WB,IHC
ULBP2	13133-1-AP	Rabbit Poly	ELISA,WB
VEGFA	19003-1-AP	Rabbit Poly	ELISA,WB,IHC


FGFR4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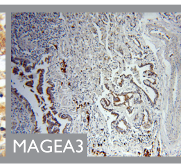
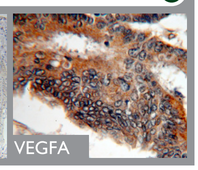

MAGEA3


VEGFA

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