

PRKCBP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant ZMYND8.

Catalog # AT3432a

Product Information

Application	WB, IHC, E
Primary Accession	Q9ULU4
Other Accession	NM_183048
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	5B12
Calculated MW	131692

Additional Information

Gene ID	23613
Other Names	Protein kinase C-binding protein 1, Cutaneous T-cell lymphoma-associated antigen se14-3, CTCL-associated antigen se14-3, Rack7, Zinc finger MYND domain-containing protein 8, ZMYND8, KIAA1125, PRKCBP1, RACK7
Target/Specificity	ZMYND8 (NP_898869, 601 a.a. ~ 698 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	PRKCBP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

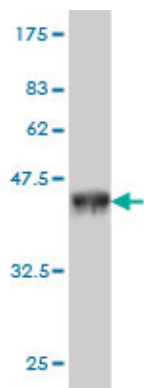
Background

The protein encoded by this gene is a receptor for activated C-kinase (RACK) protein. The encoded protein has been shown to bind in vitro to activated protein kinase C beta I. In addition, this protein is a cutaneous T-cell lymphoma-associated antigen. Finally, the protein contains a bromodomain and two zinc fingers, and is thought to be a transcriptional regulator. Multiple transcript variants encoding several different isoforms have been found for this gene.

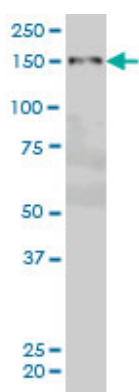
References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983. A protein-protein interaction network for human inherited ataxias and disorders of Purkinje cell degeneration. Lim J, et al. Cell, 2006 May 19. PMID 16713569. New insights into BS69 functions. Velasco G, et al. J Biol Chem, 2006 Jun 16. PMID 16565076.

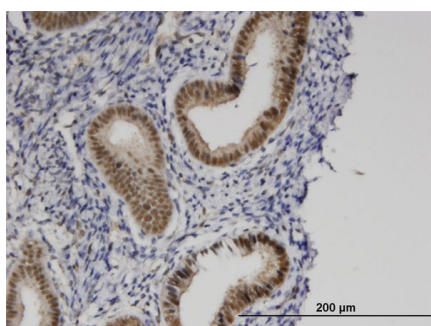
Images



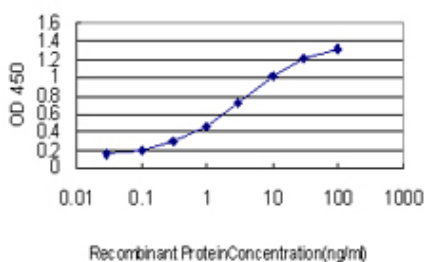
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .



ZMYND8 monoclonal antibody (M01), clone 5B12 Western Blot analysis of ZMYND8 expression in HeLa S3 NE (Cat # AT3432a)



Immunoperoxidase of monoclonal antibody to ZMYND8 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 0.25 ug/ml]



Detection limit for recombinant GST tagged ZMYND8 is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.