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MPP3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant MPP3.
Catalog # AT2895a

Product Information

Application	WB, E
Primary Accession	Q13368
Other Accession	BC056865
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4D7
Calculated MW	66152

Additional Information

Gene ID	4356
Other Names	MAGUK p55 subfamily member 3, Discs large homolog 3, Protein MPP3, MPP3, DLG3
Target/Specificity	MPP3 (AAH56865, 1 a.a. ~ 585 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	MPP3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

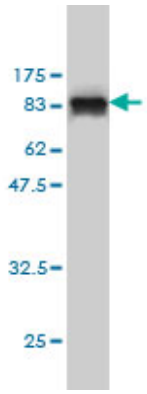
Background

This gene product is a member of a family of membrane-associated proteins termed MAGUKs (membrane-associated guanylate kinase homologs). MAGUKs interact with the cytoskeleton and regulate cell proliferation, signaling pathways, and intracellular junctions. This protein contains a conserved sequence, called the SH3 (src homology 3) motif, found in several other proteins that associate with the cytoskeleton and are suspected to play important roles in signal transduction. Alternatively spliced transcript variants have been identified. One transcript variant is experimentally supported, but it doesn't encode a protein.

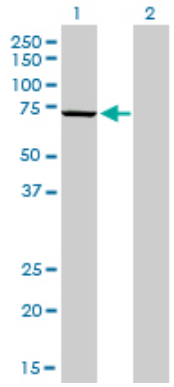
References

[The growth inhibition effects of TSLC1 gene on human hepatocyte carcinoma cell line HepG2] Qin L, et al. Zhonghua Gan Zang Bing Za Zhi, 2007 Jul. PMID 17669239.MPP3 is recruited to the MPP5 protein scaffold at the retinal outer limiting membrane. Kantardzhieva A, et al. FEBS J, 2006 Mar. PMID 16519681.Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.Association of a lung tumor suppressor TSLC1 with MPP3, a human homologue of Drosophila tumor suppressor Dlg. Fukuhara H, et al. Oncogene, 2003 Sep 18. PMID 13679854.

Images

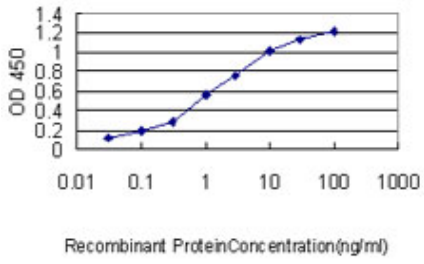


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (90.09 KDa) .

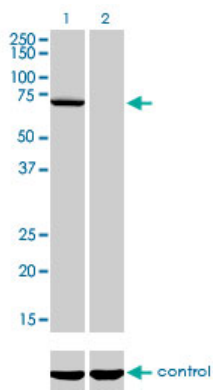


Western Blot analysis of MPP3 expression in transfected 293T cell line by MPP3 monoclonal antibody (M01), clone 4D7.

Lane 1: MPP3 transfected lysate(66.2 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged MPP3 is approximately 0.03ng/ml as a capture antibody.



Western blot analysis of MPP3 over-expressed 293 cell line, cotransfected with MPP3 Validated Chimera RNAi ((Cat # AT2895a)

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