

MAGI1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant MAGI1.

Catalog # AT2763a

Product Information

Application	WB, IF, E
Primary Accession	Q96QZ7
Other Accession	NM_004742
Reactivity	Human, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	7B4
Calculated MW	164581

Additional Information

Gene ID	9223
Other Names	Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1, Atrophin-1-interacting protein 3, AIP-3, BAI1-associated protein 1, BAP-1, Membrane-associated guanylate kinase inverted 1, MAGI-1, Trinucleotide repeat-containing gene 19 protein, WW domain-containing protein 3, WWP3, MAGI1, AIP3, BAIAP1, BAP1, TNRC19
Target/Specificity	MAGI1 (NP_004733, 761 a.a. ~ 859 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 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	MAGI1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

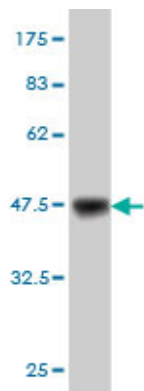
Background

The protein encoded by this gene is a member of the membrane-associated guanylate kinase homologue (MAGUK) family. MAGUK proteins participate in the assembly of multiprotein complexes on the inner surface of the plasma membrane at regions of cell-cell contact. The product of this gene may play a role as scaffolding protein at cell-cell junctions. Alternatively spliced transcript variants encoding different isoforms have been identified.

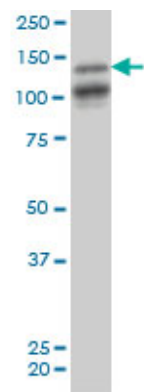
References

1.MAGI-1, A Candidate Stereociliary Scaffolding Protein, Associates with the Tip-Link Component Cadherin 23.Xu Z, Peng AW, Oshima K, Heller S.J Neurosci. 2008 Oct 29;28(44):11269-76.

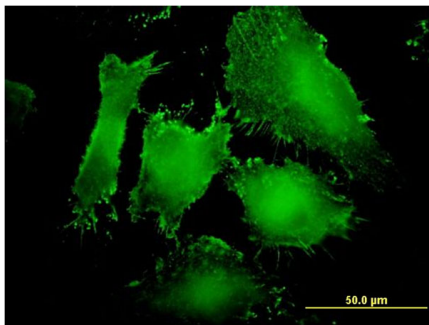
Images



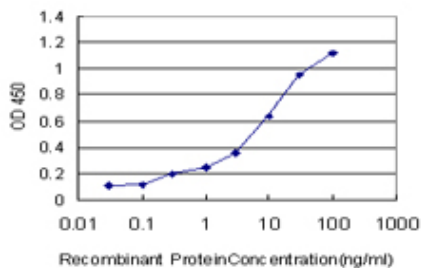
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



MAGI1 monoclonal antibody (M03), clone 7B4 Western Blot analysis of MAGI1 expression in PC-12 ((Cat # AT2763a)



Immunofluorescence of monoclonal antibody to MAGI1 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged MAGI1 is approximately 0.3ng/ml as a capture antibody.

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