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MAGOH Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant MAGOH.
Catalog # AT2766a

Product Information

Application	WB
Primary Accession	P61326
Other Accession	NM_002370
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4H8
Calculated MW	17164

Additional Information

Gene ID	4116
Other Names	Protein mago nashi homolog, MAGOH, MAGOHA
Target/Specificity	MAGOH (NP_002361, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
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	MAGOH Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

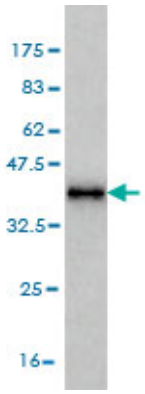
Drosophila that have mutations in their mago nashi (grandchildless) gene produce progeny with defects in germplasm assembly and germline development. This gene encodes the mammalian mago nashi homolog. In mammals, mRNA expression is not limited to the germ plasm, but is expressed ubiquitously in adult tissues and can be induced by serum stimulation of quiescent fibroblasts.

References

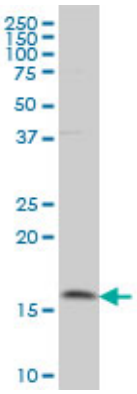
Disassembly of exon junction complexes by PYM. Gehring NH, et al. Cell, 2009 May 1. PMID 19410547.The exon-junction complex proteins, Y14 and MAGOH regulate STAT3 activation. Muromoto R, et al. Biochem Biophys Res Commun, 2009 Apr 24. PMID 19254694.PYM binds the cytoplasmic exon-junction complex and

ribosomes to enhance translation of spliced mRNAs. Diem MD, et al. Nat Struct Mol Biol, 2007 Dec. PMID 18026120.Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.Structure of the exon junction core complex with a trapped DEAD-box ATPase bound to RNA. Andersen CB, et al. Science, 2006 Sep 29. PMID 16931718.

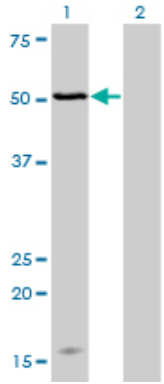
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



MAGOH monoclonal antibody (M02), clone 4H8 Western Blot analysis of MAGOH expression in Hela S3 NE ((Cat # AT2766a)



Western Blot analysis of MAGOH expression in transfected 293T cell line by MAGOH monoclonal antibody (M02), clone 4H8.

Lane 1: MAGOH transfected lysate(17.2 KDa).
Lane 2: Non-transfected lysate.