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MAGI2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant MAGI2.
Catalog # AT2764a

Product Information

Application	E
Primary Accession	Q86UL8
Other Accession	NM_012301
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	6C8
Calculated MW	158754

Additional Information

Gene ID	9863
Other Names	Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 2, Atrophin-1-interacting protein 1, AIP-1, Atrophin-1-interacting protein A, Membrane-associated guanylate kinase inverted 2, MAGI-2, MAGI2, ACVRINP1, AIP1, KIAA0705
Target/Specificity	MAGI2 (NP_036433, 519 a.a. ~ 628 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	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	MAGI2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

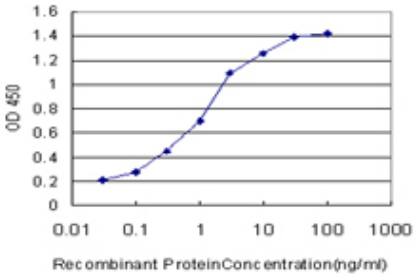
Background

The protein encoded by this gene interacts with atrophin-1. Atrophin-1 contains a polyglutamine repeat, expansion of which is responsible for dentatorubral and pallidoluysian atrophy. This encoded protein is characterized by two WW domains, a guanylate kinase-like domain, and multiple PDZ domains. It has structural similarity to the membrane-associated guanylate kinase homologue (MAGUK) family.

References

Genetic variants that affect length/height in infancy/early childhood in Vietnamese-Korean families. Kim HN, et al. J Hum Genet, 2010 Jul 29. PMID 20668459.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.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Deletion of 7q11.21-q11.23 and infantile spasms without deletion of MAGI2. R?thlisberger B, et al. Am J Med Genet A, 2010 Feb. PMID 20101691.Intestinal barrier gene variants may not explain the increased levels of antigliadin antibodies, suggesting other mechanisms than altered permeability. Wolters VM, et al. Hum Immunol, 2010 Apr. PMID 20096742.

Images



Detection limit for recombinant GST tagged MAGI2 is approximately 0.03ng/ml as a capture antibody.