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MAGI2 Antibody (monoclonal) (M01)

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

Specification

MAGI2 Antibody (monoclonal) (M01) - Product Information

Application	**E**
Primary Accession	Q86UL8
Other Accession	NM_012301
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**158754**

MAGI2 Antibody (monoclonal) (M01) - 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.

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.

MAGI2 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence

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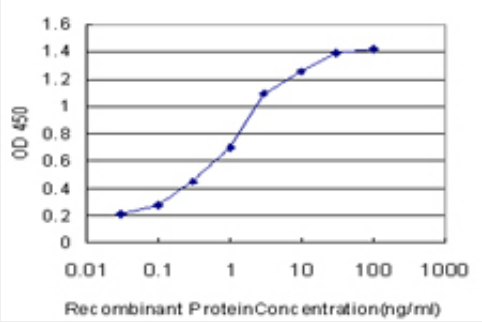
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MAGI2 Antibody (monoclonal) (M01) - Images



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

MAGI2 Antibody (monoclonal) (M01) - 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.

MAGI2 Antibody (monoclonal) (M01) - 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.