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EPM2AIP1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant EPM2AIP1.
Catalog # AT1929a

Specification

EPM2AIP1 Antibody (monoclonal) (M02) - Product Information

Application	**WB, E**
Primary Accession	Q7L775
Other Accession	NM_014805
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**70370**

EPM2AIP1 Antibody (monoclonal) (M02) - Additional Information

Gene ID 9852

Other Names
EPM2A-interacting protein 1, Laforin-interacting protein, EPM2AIP1, KIAA0766

Target/Specificity
EPM2AIP1 (NP_055620, 508 a.a. ~ 606 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
EPM2AIP1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

EPM2AIP1 Antibody (monoclonal) (M02) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

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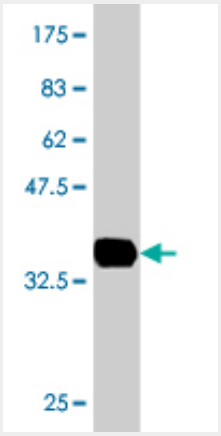
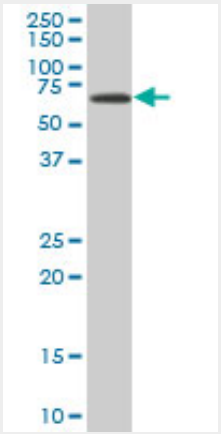
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

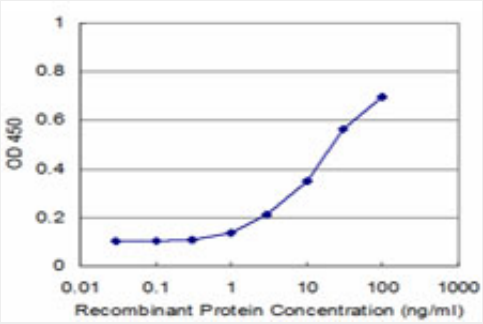
EPM2AIP1 Antibody (monoclonal) (M02) - Images



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



EPM2AIP1 monoclonal antibody (M02), clone 5G7. Western Blot analysis of EPM2AIP1 expression in HeLa ((Cat # AT1929a)



Detection limit for recombinant GST tagged EPM2AIP1 is approximately 1ng/ml as a capture antibody.

EPM2AIP1 Antibody (monoclonal) (M02) - Background

The EPM2A gene, which encodes laforin, is mutated in an autosomal recessive form of adolescent progressive myoclonus epilepsy. The protein encoded by this gene binds to laforin, but its function is not known. This gene is intronless.

EPM2AIP1 Antibody (monoclonal) (M02) - References

Use of expression data and the CGEMS genome-wide breast cancer association study to identify genes that may modify risk in BRCA1/2 mutation carriers. Walker LC, et al. Breast Cancer Res Treat, 2008 Nov. PMID 18095154.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.Mutations in NHLRC1 cause progressive myoclonus epilepsy. Chan EM, et al. Nat Genet, 2003 Oct. PMID 12958597.Identification of a novel protein interacting with laforin, the EPM2a progressive myoclonus epilepsy gene product. Ianzano L, et al. Genomics, 2003 Jun. PMID 12782127.