Mouse EPM2AIP1 Monoclonal Antibody | anti-EPM2AIP1 antibody

EPM2AIP1 antibody

CATALOG #	HOST	APPLICATIONS
AAA106395	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

EPM2AIP1; Monoclonal Antibody; EPM2AIP1 antibody; Monoclonal EPM2AIP1; Anti-EPM2AIP1; EPM2A interacting protein 1; Laforin interacting protein 1; KIAA0766; EPMAIP1 2; EPMAIP1-2; anti-EPM2AIP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1F3
Purity/Purification	EPM2AIP1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	607
Applicable Applications for anti-EPM2AIP1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	The EPM2A gene, which encodes laforin, is mutated in an autosomal recessive form of adolescent progressive myoclonusepilepsy. The protein encoded by this gene binds to laforin, but its function is not known.
Cross-Reactivity	Human
Immunogen	EPM2AIP1 antibody was raised in mouse using a full length recombinant protein of human EPM2AIP1 (NP_055620) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant EPM2AIP1 protein using EPM2AIP1 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant EPM2AIP1 protein (Right) or empty vector (Left) detected with EPM2AIP1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-EPM2AIP1 antibody	Mouse monoclonal EPM2AIP1 antibody

Product Categories/Family for anti-EPM2AIP1 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	7662294
NCBI GeneID	9852
NCBI Accession #	NP_055620
NCBI GenBank Nucleotide #	NM_014805.3
UniProt Accession #	Q7L775; O94866; Q9H3L3
Molecular Weight	70,370 Da
NCBI Official Full Name	EPM2A-interacting protein 1
NCBI Official Synonym Full Names	EPM2A (laforin) interacting protein 1
NCBI Official Symbol	EPM2AIP1
NCBI Protein Information	EPM2A-interacting protein 1
UniProt Protein Name	EPM2A-interacting protein 1
UniProt Gene Name	**EPM2AIP1**
UniProt Synonym Gene Names	KIAA0766
UniProt Entry Name	EPMIP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/epm2aip1-antibody-clone-1f3-western-blot-immunofluorescence-flow-cytometry-elisa/106395