

PAFAH1B1 rabbit monoclonal antibody

Catalog # H00005048-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PAFAH1B1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PAFAH1B1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PAFAH1B1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PAFAH1B1

Entrez GeneID	5048
GeneBank Accession#	PAFAH1B1
Gene Name	PAFAH1B1
Gene Alias	LIS1, LIS2, MDCR, MDS, PAFAH
Gene Description	platelet-activating factor acetylhydrolase, isoform 1b, alpha subunit 45kDa
Omim ID	247200 601545 607432
Gene Ontology	Hyperlink
Gene Summary	This locus was identified as encoding a gene that when mutated or lost caused the lissencephaly associated with Miller-Dieker lissencephaly syndrome. This gene encodes the non-catalytic alpha subunit of the intracellular 1b isoform of platelet-activating factor acetylhydrolase, a heterotrimeric enzyme that specifically catalyzes the removal of the acetyl group at the SN-2 position of platelet-activating factor (identified as 1-O-alkyl-2-acetyl-sn-glycerol-3-phosphorylcholine). Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist: one composed of multiple subunits, the other, a single subunit. In addition, a single-subunit isoform of this enzyme is found in serum . [provided by RefSeq]
Other Designations	Platelet-activating factor acetylhydrolase, isoform 1B, alpha subunit lissencephaly 1 protein platelet-activating factor acetylhydrolase, isoform 1b, alpha subunit

Pathway

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- [Bipolar Disorder](#)
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