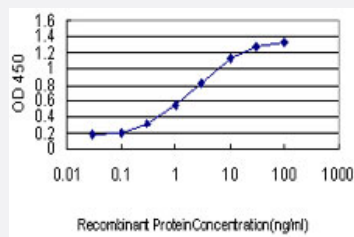


PAFAH1B1 monoclonal antibody (M01), clone 2C12

Catalog # H00005048-M01

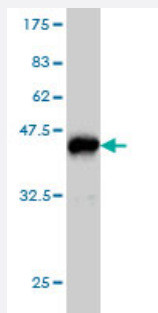
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PAFAH1B1 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PAFAH1B1.
Immunogen	PAFAH1B1 (NP_000421, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MVLSQRQRDELNRAIADYLRNNGYEEAYSVFKKEAELDVNEELDKKYAGLLEKKWTSVIRLQKKV MELESKLNEAKEEFTSGGPLGQKRDPKEWIPRPPEKYALSGHRSP
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PAFAH1B1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PAFAH1B1

Entrez GeneID	5048
GeneBank Accession#	NM_000430
Protein Accession#	NP_000421
Gene Name	PAFAH1B1
Gene Alias	LIS1, LIS2, MDCR, MDS, PAFAH
Gene Description	platelet-activating factor acetylhydrolase, isoform lb, 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 Ib 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 Ib, alpha subunit

Pathway

- [Ether lipid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Alzheimer Disease](#)
- [Arterial Occlusive Diseases](#)
- [Atherosclerosis](#)
- [Bipolar Disorder](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Chorioamnionitis](#)
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- [Cleft Palate](#)
- [Cognition](#)
- [Connective Tissue Diseases](#)
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