

Rabbit PAFAH1B1 Polyclonal Antibody | anti-PAFAH1B1 antibody

PAFAH1B1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200544	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

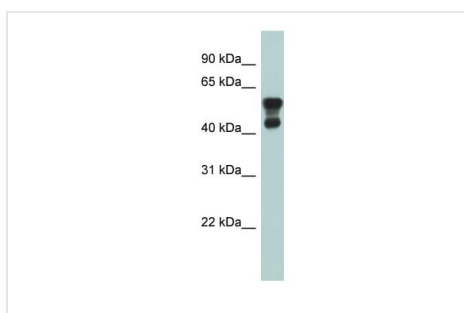
PRODUCT SYNONYMS

PAFAH1B1; Polyclonal Antibody; PAFAH1B1 antibody - N-terminal region; anti-PAFAH1B1 antibody

PRODUCT SPECIFICATIONS

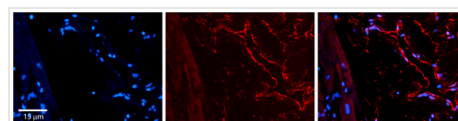
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KL NEAKEEFTSG GPLGQKRDPK EWIPRPPEKY ALSGHRSPVT RVIFHPVF
Sequence Length	410
Applicable Applications for anti-PAFAH1B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PAFAH1B1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PAFAH1B1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human Lung



IHC (Immunohistochemistry)

Rabbit Anti-PAFAH1B1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Cytoplasmic in endothelial cells in blood vessels
Primary Antibody Concentration: N/A
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-PAFAH1B1 antibody	This is a rabbit polyclonal antibody against PAFAH1B1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This locus was identified as encoding a gene that when mutated or lost caused the lissencephaly associated with Miller-Dieker lissencephaly syndrome. PAFAH1B1 is 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. PAFAH1B1 was identified as encoding a gene that when mutated or lost caused the lissencephaly associated with Miller-Dieker lissencephaly syndrome. PAFAH1B1 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. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-378 AC015799.23 48129-48506 c 379-600 AC015799.23 3815-4036 c 601-685 AC005696.1 40697-40781 686-760 AC005696.1 41341-41415 761-967 AC005696.1 42317-42523 968-1136 AC005696.1 45488-45656 1137-1239 AC005696.1 47980-48082 1240-1468 AC005696.1 49385-49613 1469-1570 AC005696.1 51830-51931 1571-1727 AC005696.1 55489-55645 1728-5614 AC005696.1 57054-60940
Product Categories/Family for anti-PAFAH1B1 antibody	Polyclonal; Neurobiology; Cell Cycle Proteins; Drugs and Drug Metabolism; Neuroscience; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557741
NCBI GeneID	5048
NCBI Accession #	NP_000421
NCBI GenBank Nucleotide #	NM_000430
UniProt Accession #	P43034
Molecular Weight	47kDa
NCBI Official Full Name	platelet-activating factor acetylhydrolase 1B subunit alpha
NCBI Official Synonym Full Names	platelet activating factor acetylhydrolase 1b regulatory subunit 1
NCBI Official Symbol	PAFAH1B1
NCBI Official Synonym Symbols	MDS; LIS1; LIS2; MDCR; NudF; PAFAH
NCBI Protein Information	platelet-activating factor acetylhydrolase 1B subunit alpha
UniProt Protein Name	Platelet-activating factor acetylhydrolase 1B subunit alpha
UniProt Gene Name	PAFAH1B1
UniProt Entry Name	LIS1_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.