

Goat PAFAH1B1 / LIS1 Polyclonal Antibody | anti-PAFAH1B1 antibody

Goat Polyclonal to Human PAFAH1B1 / LIS1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50975	Goat	Bat, Gibbon, Bovine, Chicken, Dog, Xenopus, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rabbit, Rat, Zebrafish Predicted Reactivity: Chimpanzee, Drosophila (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

PAFAH1B1 / LIS1; Polyclonal Antibody; Goat Polyclonal to Human PAFAH1B1 / LIS1; Anti-PAFAH1B1 / LIS1 Antibody IHC-plus; PAFAH1B1; LIS-1; LIS2; Lissencephaly 1 protein; Lissencephaly-1 protein; MDCR; MDS; PAFAHA; PAF-AH alpha; PAFAH; LIS1; PAF-AH 45 kDa subunit; PAFAH alpha; Human PAFAH1B1; anti-PAFAH1B1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Bat, Gibbon, Bovine, Chicken, Dog, Xenopus, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Orangutan, Pig, Rabbit, Rat, Zebrafish Predicted Reactivity: Chimpanzee, Drosophila (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PAFAH1B1 / LIS1.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	410
Applicable Applications for anti-PAFAH1B1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide TGSVDQTVKWECR from the C-terminus of human PAFAH1B1 / LIS1 (NP_000421.1).
Immunogen Type	Synthetic peptide
Immunogen	PAFAH1B1 / LIS1 antibody was raised against synthetic peptide TGSVDQTVKWECR from the C-terminus of human PAFAH1B1 / LIS1 (NP_000421.1). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bat, Bovine, Cat, Horse, Rabbit, Pig, Opossum, Turkey, Chicken, Platypus, Xenopus, Salmon, Stickleback, Pufferfish, Zebrafish, Water flea, Tick (100%); Chimpanzee, Drosophila, Ant, Capsaspora (93%); Catfish, Mosquito, Sea anemone, Beetle, Trichoplax (86%).
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-PAFAH1B1 / LIS1 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 75 ug/ml.



IHC (Immunohistochemistry)
Anti-PAFAH1B1 / LIS1 antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 75 ug/ml.



IHC (Immunohistochemistry)
Anti-PAFAH1B1 / LIS1 antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 75 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PAFAH1B1 antibody	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 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-glyceryl-3-phosphorylcholine).
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557741
NCBI GeneID	5048
NCBI Accession #	NP_000421.1
NCBI GenBank Nucleotide #	NM_000430.3
UniProt Accession #	P43034; Q8WZ88; Q8WZ89; B2R7Q7
Molecular Weight	16,869 Da
NCBI Official Full Name	platelet-activating factor acetylhydrolase IB subunit alpha
NCBI Official Synonym Full Names	platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 (45kDa)
NCBI Official Symbol	PAFAH1B1
NCBI Official Synonym Symbols	MDS; LIS1; LIS2; MDCR; PAFAH
NCBI Protein Information	platelet-activating factor acetylhydrolase IB subunit alpha; PAFAH1B1; lissencephaly 1 protein; platelet-activating factor acetylhydrolase, isoform Ib, subunit 1 (45kDa); platelet-activating factor acetylhydrolase, isoform Ib, alpha subunit (45kD)
UniProt Protein Name	Platelet-activating factor acetylhydrolase IB 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.