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Zuschläge

- Mindermengenzuschlag
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PAFAH1B1 Antibody - N-terminal region : FITC (ARP56107_P050-FITC)

Data Sheet

Product Number	ARP56107_P050-FITC
Product Page	www.avivasysbio.com/pafah1b1-antibody-n-terminal-region-fitc-arp56107-p050-fitc.html
Name	PAFAH1B1 Antibody - N-terminal region : FITC (ARP56107_P050-FITC)
Protein Size (# AA)	410 amino acids
Molecular Weight	47kDa
Subunit	alpha
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	5048
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 (45kDa)
Alias Symbols	MDS, LIS1, LIS2, MDCR, NudF, PAFAH
Peptide Sequence	Synthetic peptide located within the following region: MVLSQRQRDELNRAIADYLRNNGYEEAYSVFKKEAELDVNEELDKKYAGL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Campo,S., (2008) Aging Clin Exp Res 20 (2), 171-177
Description of Target	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 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. 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-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
Protein Interactions	UBI4; UBC; SUMO2; BICD2; SUMO1; PDIA4; PAPSS1; YWHAH; YWHAG; SNRPF; SNRPD2; PAK2; MYO1E; MSN; HSP90AA4P; HMGB3; FH; EIF5; CAPNS1; CAPN2; ATIC; ASNS; TATDN1; UBXN1; ISOC1; MAPRE1; NDE1; IQCB1; SLC25A10; DCX; NUDCD2; NDEL1; tat; KATNA1; NUDC; KATNB1; CLIP1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PAFAH1B1 (ARP56107_P050-FITC) antibody

Blocking Peptide	For anti-PAFAH1B1 (ARP56107_P050-FITC) antibody is Catalog# AAP56107 (Previous Catalog# AAPP38012)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PAFAH1B1
Uniprot ID	P43034
Protein Name	Platelet-activating factor acetylhydrolase IB subunit alpha
Sample Type Confirmation	There is BioGPS gene expression data showing that PAFAH1B1 is expressed in MCF7
Protein Accession #	NP_000421
Purification	Affinity Purified
Nucleotide Accession #	NM_000430
Gene Symbol	PAFAH1B1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB, IHC
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Image 1	

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Optimal conditions of its use should be determined by end users.

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