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## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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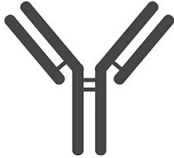
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# PAFAH1B1 Antibody - N-terminal region : FITC (ARP56108\_P050-FITC)

Data Sheet

<b>Product Number</b>	ARP56108_P050-FITC
<b>Product Page</b>	<a href="http://www.avivasysbio.com/pafah1b1-antibody-n-terminal-region-fitc-arp56108-p050-fitc.html">www.avivasysbio.com/pafah1b1-antibody-n-terminal-region-fitc-arp56108-p050-fitc.html</a>
<b>Name</b>	PAFAH1B1 Antibody - N-terminal region : FITC (ARP56108_P050-FITC)
<b>Protein Size (# AA)</b>	410 amino acids
<b>Molecular Weight</b>	47kDa
<b>Subunit</b>	alpha
<b>Conjugation</b>	FITC: Fluorescein Isothiocyanate
<b>NCBI Gene Id</b>	5048
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Platelet-activating factor acetylhydrolase 1b, regulatory subunit 1 (45kDa)
<b>Alias Symbols</b>	MDS, LIS1, LIS2, MDCR, NudF, PAFAH
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">KLNEAKEEFTSGGPLGQKRDPKEWIPRPPEKYALSGHRSPVTRVIFHPVF</a>
<b>Product Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer.
<b>Reference</b>	Campo,S., (2008) Aging Clin Exp Res 20 (2), 171-177
<b>Description of Target</b>	<p>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</p>
<b>Protein Interactions</b>	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;
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-PAFAH1B1 (ARP56108_P050-FITC) antibody</a>

<b>Blocking Peptide</b>	For anti-PAFAH1B1 (ARP56108_P050-FITC) antibody is <a href="#">Catalog# AAP56108</a> (Previous Catalog# AAPP38013)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N terminal region of human PAFAH1B1
<b>Uniprot ID</b>	<a href="#">P43034</a>
<b>Protein Name</b>	Platelet-activating factor acetylhydrolase IB subunit alpha
<b>Protein Accession #</b>	<a href="#">NP_000421</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_000430</a>
<b>Gene Symbol</b>	<a href="#">PAFAH1B1</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
<b>Application</b>	WB, IHC
<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%
<b>Image 1</b>	

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