BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-LIS1/PAFAH1B1 Antibody Picoband® Biotin Conjugated

Catalog Number: A01273-1-Biotin

About PAFAH1B1

Platelet-activating factor acetylhydrolase IB subunit alpha is an enzyme that in humans is encoded by the PAFAH1B1 gene. 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 acteylhydrolase, 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). 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.

Overview

Product Name	Anti-LIS1/PAFAH1B1 Antibody Picoband® Biotin Conjugated
Reactive Species	Human
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P43034

Technical Details

Immunogen	E.coli-derived human LIS1/PAFAH1B1 recombinant protein (Position: I95-R410). Human PAFAH1B1 shares 100% amino acid (aa) sequence identity with both mouse and rat PAFAH1B1.
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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For Research Use Only. Not for use in diagnostic procedures.