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[Marker Primary Antibody]

Rabbit Anti-PAFAH2/FITC Conjugated antibody

Catalog Number: SL21003R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-PAFAH2/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human PAFAH2
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse,Rat(predicted:Human,Pig,Cow,Rabbit,Sheep)
Background:	background: This gene encodes platelet-activating factor acetylhydrolase isoform 2, a single-subunit intracellular enzyme that 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). However, this lipase exhibits a broader substrate specificity than simply platelet activating factor. Two other isoforms of intracellular platelet-activating factor acetylhydrolase exist, and both are multi-subunit enzymes. Additionally, there is a single-subunit serum isoform of this enzyme. [provided by RefSeq, Jul 2008] **Function:** Has a marked selectivity for phospholipids with short acyl chains at the sn-2 position. May share a common physiologic function with the plasma-type enzyme. **Subcellular Location:** Cytoplasmic **Tissue Specificity:** Broadly expressed in different tissues, but high in B- and T-lymphocytes. In brain, expression is restricted to amygdala and frontal cortex.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

	Similarity: Belongs to the serine esterase family. **Database links:** **Entrez Gene:** 5051 Human **Entrez Gene:** 100163 Mouse **Entrez Gene:** 313611 Rat Omim: 602344 Human **SwissProt:** Q99487 Human **SwissProt:** Q8VDG7 Mouse **SwissProt:** P83006 Rat **Unigene:** 477083 Human **Unigene:** 22116 Mouse **Unigene:** 92487 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.