

Rabbit Anti-PAFAH2/AP Conjugated antibody

SL21003R-AP

Product Name	Anti-PAFAH2/AP
Chinese Name	碱性磷酸酶（AP）标记的血小板活化因子乙酰水解酶 2 抗体
Alias	EC 3.1.1.47; HSD PLA2; HSDPLA2; HSD-PLA2; Platelet activating factor acetylhydrolase 2; Platelet activating factor acetylhydrolase 2 cytoplasmic; platelet-activating factor acetylhydrolase 2, 40kDa; SD PLA2; Serine dependent phospholipase A2.
Research Area	Cell biology Signal transduction Kinases and Phosphatases
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,Rat(predicted:Human,Pig,Cow,Rabbit,Sheep) WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	44kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human PAFAH2
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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.
Storage	
Product Detail	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.

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



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human, therapeutic or diagnostic applications.