

For Research Use Only

PAFAH Polyclonal antibody

Catalog Number: 29304-1-AP



Basic Information

Catalog Number: 29304-1-AP	GenBank Accession Number: BC038452	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop;	GeneID (NCBI): 7941	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q13093	
Isotype: IgG	Full Name: phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)	
Immunogen Catalog Number: AG30947	Calculated MW: 50 kDa	
	Observed MW: 29-30 kDa, 45-55 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB : RAW 264.7 cells, mouse liver tissue, rat liver tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human prostate cancer tissue,

Background Information

Platelet-activating factor acetylhydrolase (PAFAH) 1b consists of homo- or heterodimers of two PLA2 subunits $\alpha 1$ and $\alpha 2$, and a dimer of a third subunit, LIS1. PAFAH 1b was first discovered by its ability to hydrolyze the extracellular signaling lipid, PAF, which plays a role in platelet activation and inflammation. LIS1, the causative agent of the fatal brain disorder Miller-Dieker lissencephaly, functions independently of the α subunits to regulate the activity of cytoplasmic dynein. LIS1 is a highly conserved protein involved in dynein-mediated processes including nuclear and neuronal migration, centrosomal function, and mitotic spindle orientation. (PMID: 20624900, PMID: 23262398)

Storage

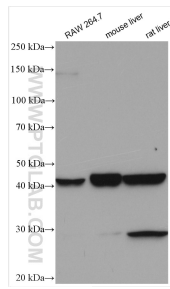
Storage:
Store at -20°C .
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

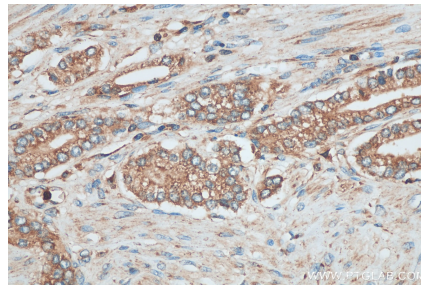
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29304-1-AP (PAFAH antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 29304-1-AP (PAFAH antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).