

For Research Use Only

PAFAH2 Polyclonal antibody

Catalog Number: 10085-1-AP

3 Publications



Basic Information

Catalog Number:

10085-1-AP

Size:

150ul, Concentration: 160 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0124

GenBank Accession Number:

BC001158

GeneID (NCBI):

5051

UNIPROT ID:

Q99487

Full Name:

platelet-activating factor acetylhydrolase 2, 40kDa

Calculated MW:

40 kDa

Observed MW:

44-46 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB : mouse liver tissue,

IP : mouse liver tissue,

IHC : human lymphoma tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

The family of platelet-activating factor-acetylhydrolase (PAF-AH) consists of enzymes which catalyze the hydrolysis of acetyl ester at the sn-2 position of PAF (Platelet-activating factor). The intracellular type II PAF-AH is a single polypeptide about a 40 kd distributed in both the cytosol and membranes of many kinds of cells.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------------------------|-----------|--------------|-------------|
| Latchoumycandane Calivarathan C | 22433871 | J Biol Chem | WB |
| Thévenin Anastasia F AF | 21882811 | Biochemistry | WB |
| Chen Jiawei J | 17693621 | J Lipid Res | WB |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

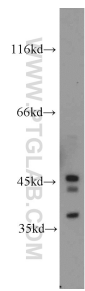
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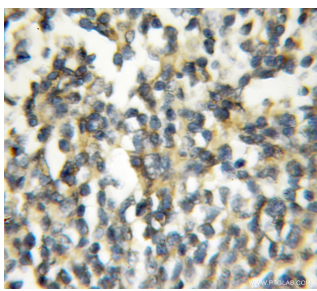
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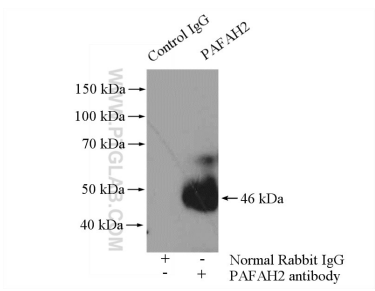
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 10085-1-AP (PAFAH2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 10085-1-AP (PAFAH2 antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-PAFAH2 (IP:10085-1-AP, 4ug; Detection:10085-1-AP 1:300) with mouse liver tissue lysate 6400ug.