

For Research Use Only

# PAFAH1B3 Polyclonal antibody

Catalog Number: 20564-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

20564-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 347 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_002573

### GeneID (NCBI):

5050

### UNIPROT ID:

Q15102

### Full Name:

platelet-activating factor acetylhydrolase, isoform Ib, gamma subunit 29kDa

### Calculated MW:

26 kDa

### Observed MW:

26-29 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human

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

### Positive Controls:

WB : human brain tissue, mouse brain tissue, rat brain tissue

IHC : human spleen tissue,

IF/ICC : SH-SY5Y cells,

## Background Information

PAFAH1B3, also named as PAFAHG, belongs to the 'GDSL' lipolytic enzyme family and Platelet-activating factor acetylhydrolase IB beta/gamma subunits subfamily. It inactivates paf by removing the acetyl group at the sn-2 position. This is a catalytic subunit. PAFAH1B3 plays an important role during the development of brain. The antibody is specific to PAFAH1B3.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jianing Xu	31043794	Onco Targets Ther	WB,IHC
Genhao Zhang	38063949	Discov Oncol	IHC,IF
Genhao Zhang	37957420	Discov Oncol	IHC

## Storage

### Storage:

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

### 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

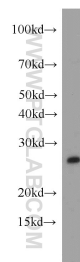
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

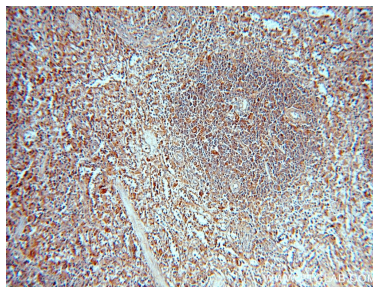
E: proteintech@ptglab.com  
W: ptglab.com

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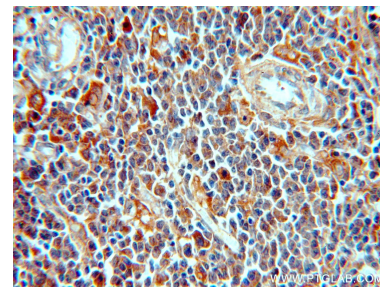
## Selected Validation Data



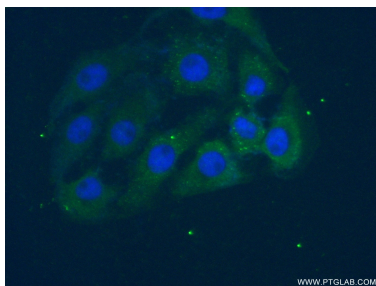
human brain tissue were subjected to SDS PAGE followed by western blot with 20564-1-AP (PAFAH1B3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human spleen using 20564-1-AP (PAFAH1B3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human spleen using 20564-1-AP (PAFAH1B3 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 20564-1-AP (PAFAH1B3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).