

For Research Use Only

PAFAH1B3 Polyclonal antibody

Catalog Number: 20564-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

20564-1-AP

Size:

400 µg/ml

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 1:50-1:500

Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

WB, IF, IHC

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 : 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

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

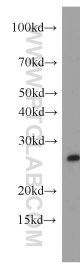
T: 4006900926

E: Proteintech-CN@ptglab.com

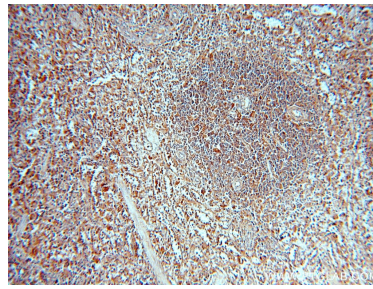
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

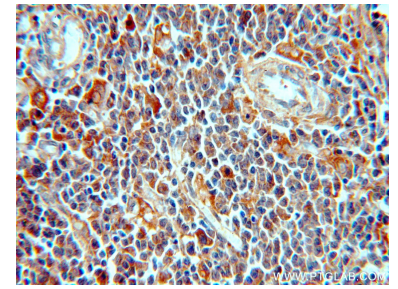
Selected Validation Data



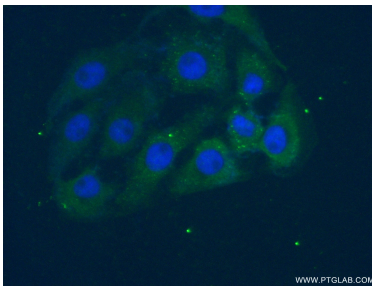
human brain tissue were subjected to SDS PAGE followed by western blot with 20564-1-AP (PAFAH1B3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).