

For Research Use Only

PAFAH1B3 Polyclonal antibody

Catalog Number: 20564-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 20564-1-AP	GenBank Accession Number: NM_002573	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5050	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200 IF 1:50-1:500
Source: Rabbit	Full Name: platelet-activating factor acetylhydrolase, isoform Ib, gamma subunit 29kDa	
Isotype: IgG	Calculated MW: 26 kDa	
	Observed MW: 26-29 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

IF, IHC, WB

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

*** 20ul sizes contain 0.1% BSA

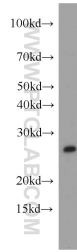
For technical support and original validation data for this product please contact:

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

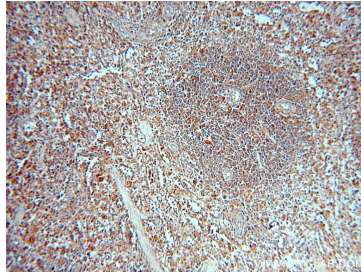
E: proteintech@ptglab.com
W: ptglab.com

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

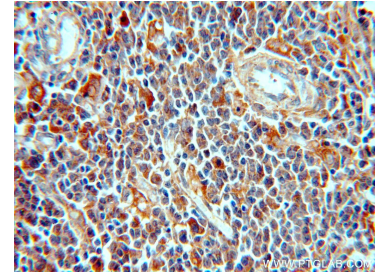
Selected Validation Data



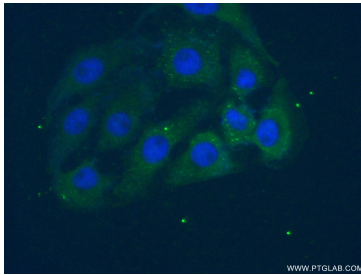
human brain tissue were subjected to SDS PAGE followed by western blot with 20564-1-AP (PAFAH1B3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).