

For Research Use Only

FAM49B Polyclonal antibody

Catalog Number: 20127-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 20127-1-AP	GenBank Accession Number: BC003599	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 240 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51571	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: family with sequence similarity 49, member B	IHC 1:20-1:200 IF 1:10-1:100
Isotype: IgG	Calculated MW: 324 aa, 37 kDa	
Immunogen Catalog Number: AG13939	Observed MW: 32-35 kDa	

Applications

Tested Applications:

IF, IHC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, monkey, mouse

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: MCF-7 cells, mouse brain tissue, human placenta tissue, human testis tissue, mouse testis tissue

IP: mouse brain tissue,

IHC: human kidney tissue, human brain tissue, human pancreas tissue

IF: HepG2 cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Loic Fort	30250061	Nat Cell Biol	WB
Yijian Chen	35205432	Genes (Basel)	WB
Zuotian Huang	35131594	Mol Immunol	WB

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

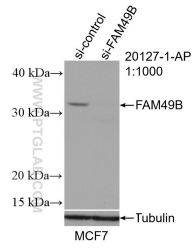
For technical support and original validation data for this product please contact:

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

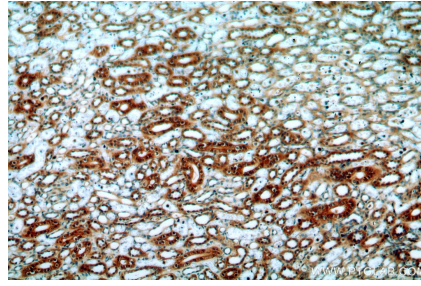
E: proteintech@ptglab.com
W: ptglab.com

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

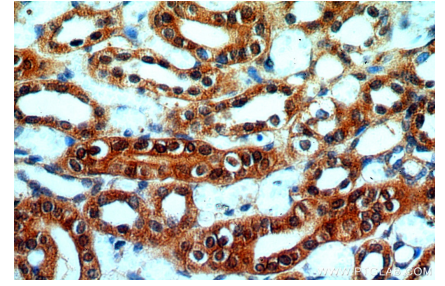
Selected Validation Data



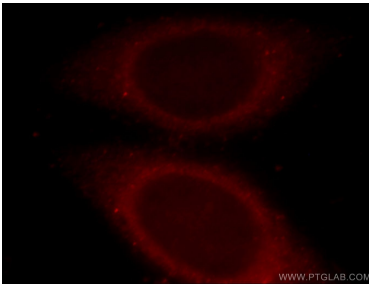
WB result of FAM49B antibody (20127-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FAM49B transfected MCF-7 cells.



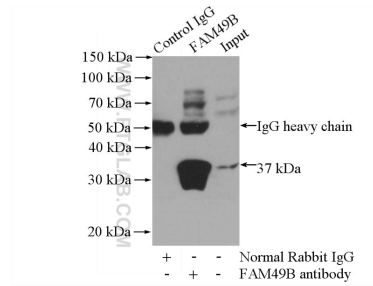
Immunohistochemical analysis of paraffin-embedded human kidney using 20127-1-AP (FAM49B antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 20127-1-AP (FAM49B antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using FAM49B antibody 20127-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-FAM49B (IP:20127-1-AP, 4ug; Detection:20127-1-AP 1:500) with mouse brain tissue lysate 4000ug.