

For Research Use Only

FAM49B Polyclonal antibody

Catalog Number: 20127-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

20127-1-AP

Size:

150ul, Concentration: 240 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13939

GenBank Accession Number:

BC003599

GeneID (NCBI):

51571

UNIPROT ID:

Q9NUQ9

Full Name:

family with sequence similarity 49, member B

Calculated MW:

324 aa, 37 kDa

Observed MW:

32-35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, monkey

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/ICC: HepG2 cells,

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

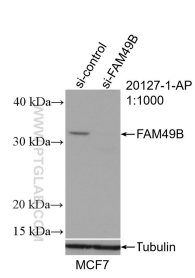
For technical support and original validation data for this product please contact:

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

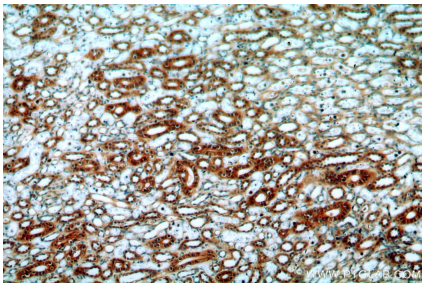
E: proteintech@ptglab.com
W: ptglab.com

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

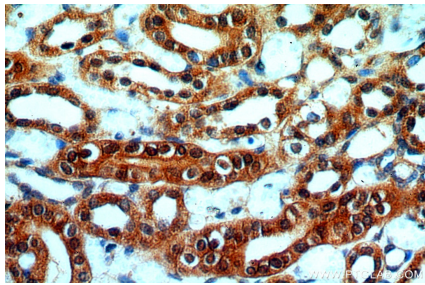
Selected Validation Data



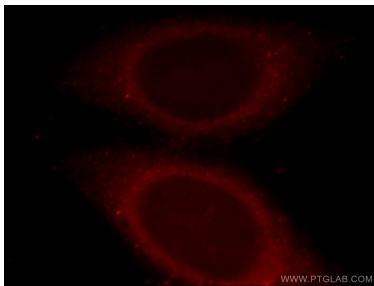
WB result of FAM49B antibody (20127-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FAM49B transfected MCF-7 cells.



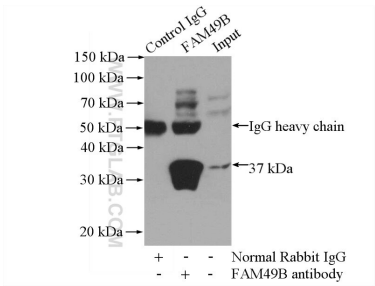
Immunohistochemical analysis of paraffin-embedded human kidney using 20127-1-AP (FAM49B antibody) at dilution of 1:100 (under 10x lens).



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.