

For Research Use Only

# FAM49B Polyclonal antibody

Catalog Number: 20127-1-AP

Featured Product

4 Publications



## Basic Information

### Catalog Number:

20127-1-AP

### Size:

240 µg/ml

### 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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

IF/ICC, IHC, IP, WB, 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,

## 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

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

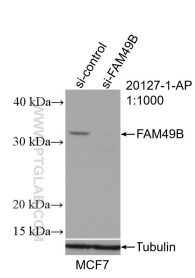
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

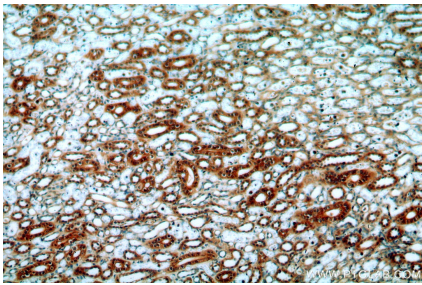
W: [ptgcn.com](http://ptgcn.com)

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

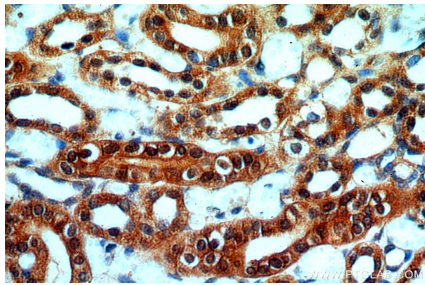
Selected Validation Data



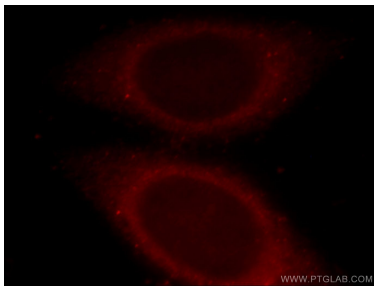
WB result of FAM49B antibody (20127-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FAM49B transfected MCF-7 cells.



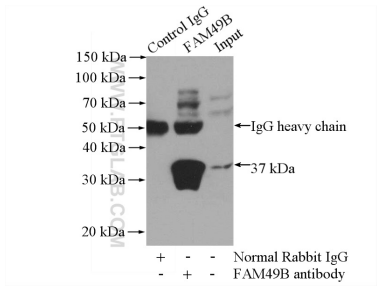
Immunohistochemical analysis of paraffin-embedded human kidney using 20127-1-AP (FAM49B antibody) at dilution of 1:100 (under 10x lens).



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.