

For Research Use Only

# FATP4 Polyclonal antibody

Catalog Number: 11013-1-AP

Featured Product

13 Publications



## Basic Information

### Catalog Number:

11013-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1490

### GenBank Accession Number:

BC009959

### GeneID (NCBI):

10999

### UNIPROT ID:

Q6P1M0

### Full Name:

solute carrier family 27 (fatty acid transporter), member 4

### Calculated MW:

72 kDa

### Observed MW:

70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:8000

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

IHC 1:300-1:1200

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat, pig

**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**: HepG2 cells, mouse liver tissue, human colon tissue, human heart tissue, SMMC-7721 cells, mouse colon tissue, rat colon tissue, rat liver tissue

**IP**: HepG2 cells,

**IHC**: human ovary tumor tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Yu He	36122193	J Agric Food Chem	WB
Wenjing Li	28304381	Sci Rep	WB
Xin Zong	31379865	Front 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

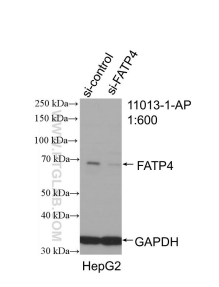
For technical support and original validation data for this product please contact:

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

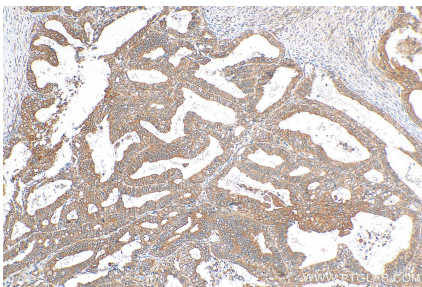
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

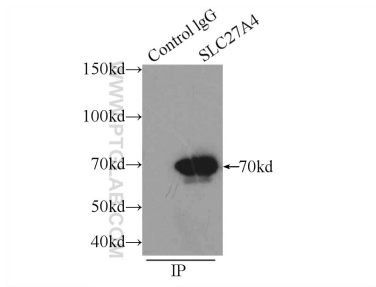
Selected Validation Data



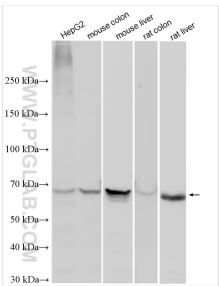
WB result of FATP4 antibody (11013-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-FATP4 transfected HepG2 cells.



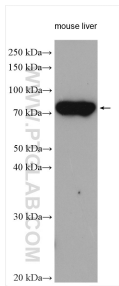
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11013-1-AP (FATP4 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



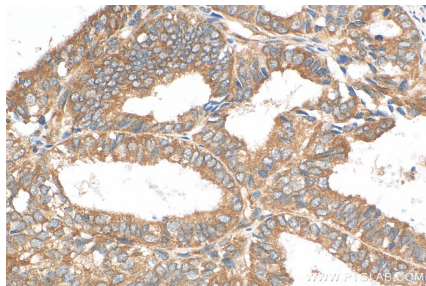
IP result of anti-FATP4 (IP:11013-1-AP, 4ug; Detection:11013-1-AP 1:500) with HepG2 cells lysate 1600ug.



Various lysates were subjected to SDS PAGE followed by western blot with 11013-1-AP (FATP4 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



mouse liver tissue were subjected to SDS PAGE followed by western blot with 11013-1-AP (FATP4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11013-1-AP (FATP4 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).