

For Research Use Only

FATP4 Polyclonal antibody

Catalog Number: 11013-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

11013-1-AP

Concentration:

550 µg/ml

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 µg 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,

Background Information

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

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

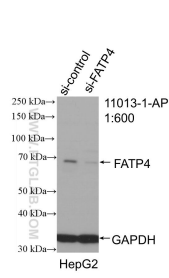
T: 4006900926

E: Proteintech-CN@ptglab.com

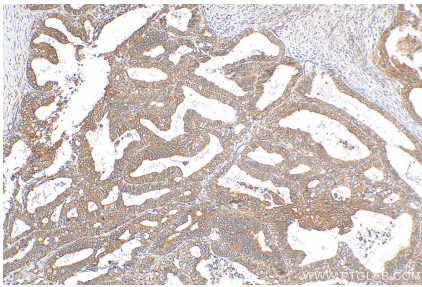
W: ptgcn.com

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

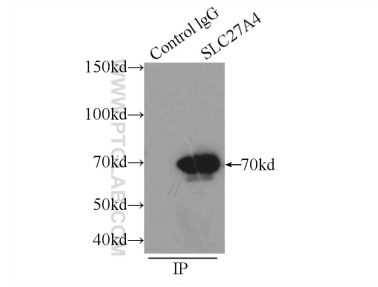
Selected Validation Data



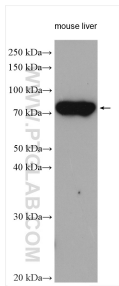
WB result of FATP4 antibody (11013-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-FATP4 transfected HepG2 cells.



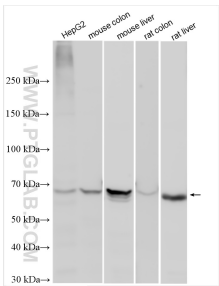
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11013-1-AP (FATP4 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



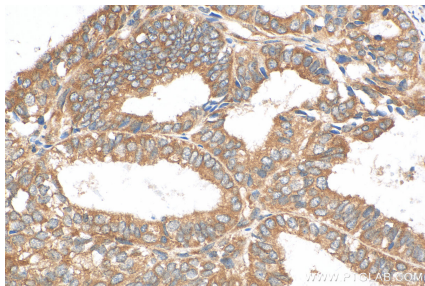
IP result of anti-FATP4 (IP:11013-1-AP, 4ug; Detection:11013-1-AP 1:500) with HepG2 cells lysate 1600ug.



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.



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.



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).