

For Research Use Only

FATP4 Polyclonal antibody

Catalog Number: 11013-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number: 11013-1-AP	GenBank Accession Number: BC009959	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 400 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10999	Recommended Dilutions: WB 1:1000-1:8000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: solute carrier family 27 (fatty acid transporter), member 4	IHC 1:300-1:1200
Isotype: IgG	Calculated MW: 72 kDa	
Immunogen Catalog Number: AG1490	Observed MW: 70 kDa	

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, pig, rat

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

*** 20ul sizes contain 0.1% BSA

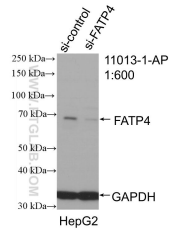
For technical support and original validation data for this product please contact:

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

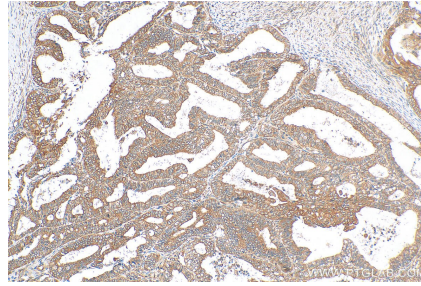
E: proteintech@ptglab.com
W: ptglab.com

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

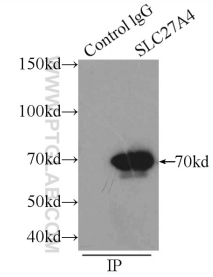
Selected Validation Data



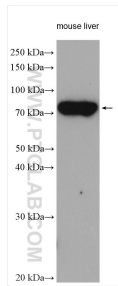
WB result of FATP4 antibody (11013-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-FATP4 transfected HepG2 cells.



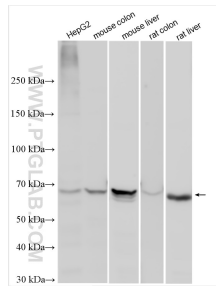
Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 11013-1-AP (FATP4 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



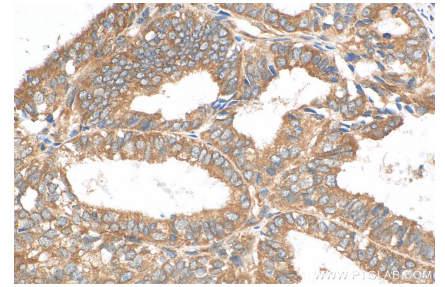
IP Result of anti-FATP4 (IP:11013-1-AP, 4ug; Detection:11013-1-AP 1:500) with HepG2 cells lysate 1600ug.



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).