

For Research Use Only

TOMM40 Polyclonal ANTIBODY



Catalog Number: 18409-1-AP

Featured Product

10 Publications

Basic Information

Catalog Number:
18409-1-AP

Size:
33 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG13065

GenBank Accession Number:
BC017224

GeneID (NCBI):
10452

Full Name:
translocase of outer mitochondrial membrane
40 homolog (yeast)

Calculated MW:
38 kDa

Observed MW:
38 kDa

Recommended Dilutions:

WB 1:500-1:2400

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:100-1:400

IF 1:10-1:100

Applications

Tested Applications:

FC, IF, IHC, IP, WB, ELISA

Cited Applications:

IF, WB

Species Specificity:

human,mouse,rat

Cited Species:

human, mouse

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human brain tissue; A431 cells, HEK-293 cells, HepG2 cells, human liver tissue

IP : mouse liver tissue;

IHC : human liver tissue; human kidney tissue

IF : HepG2 cells; HeLa cells

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Chengli Ding	26530328	Sci Rep	WB
Mei Wang	30399359	Toxicon	WB
Qi Wang	30923004	Neurobiol Dis	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

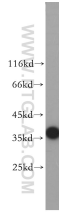
For technical support and original validation data for this product please contact:

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

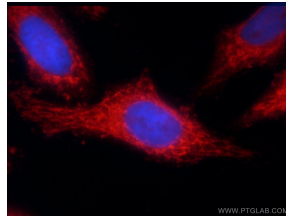
E: proteintech@ptglab.com
W: ptglab.com

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

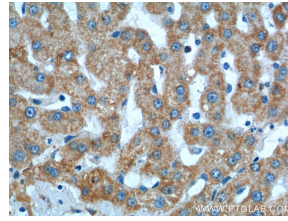
Selected Validation Data



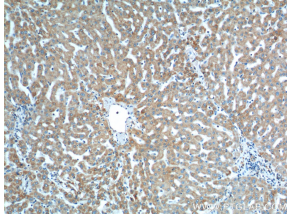
human brain tissue were subjected to SDS PAGE followed by western blot with 18409-1-AP(TOM40 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours



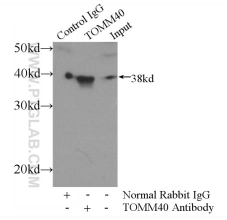
Immunofluorescent analysis of HepG2 cells using 18409-1-AP(TOM40 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG



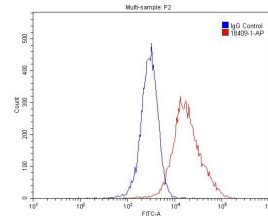
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 18409-1-AP(TOM40 antibody) at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 18409-1-AP(TOM40 antibody) at dilution of 1:200 (under 10x lens).



IP Result of anti-TOM40 (IP:18409-1-AP, 4ug; Detection:18409-1-AP 1:1000) with mouse liver tissue lysate 4000ug.



1X10⁶ HepG2 cells were stained with .2ug TOM40 antibody (18409-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.