

For Research Use Only

APO4 Polyclonal antibody

Catalog Number: 10564-1-AP



Basic Information

Catalog Number:

10564-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0849

GenBank Accession Number:

BC006276

GeneID (NCBI):

80832

UNIPROT ID:

Q9BPW4

Full Name:

apolipoprotein L, 4

Calculated MW:

39 kDa

Observed MW:

40-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

IF 1:20-1:200

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Species Specificity:

human

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, U-87 MG cells

IP : HepG2 cells,

IHC : human liver cancer tissue, human liver tissue

IF : HepG2 cells,

Background Information

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:

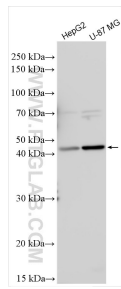
T: 4006900926

E: Proteintech-CN@ptglab.com

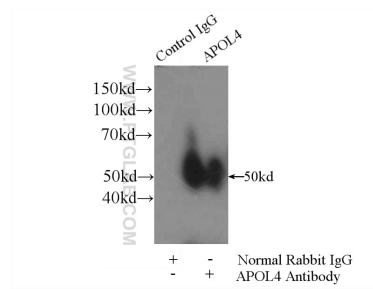
W: ptgcn.com

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

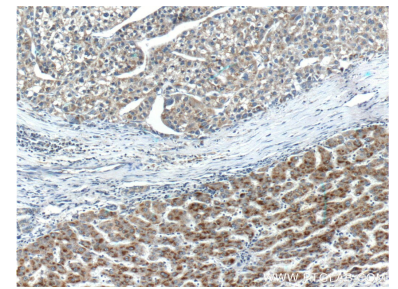
Selected Validation Data



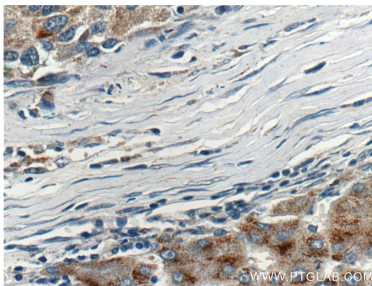
Various lysates were subjected to SDS PAGE followed by western blot with 10564-1-AP (APOL4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



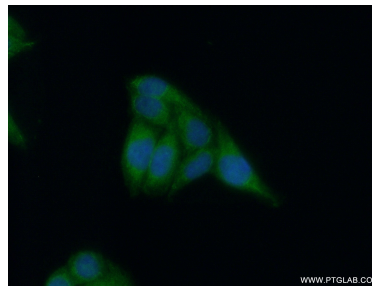
IP result of anti-APOL4 (IP:10564-1-AP, 4 μ g; Detection:10564-1-AP 1:2000) with HepG2 cells lysate 4000 μ g.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10564-1-AP (APOL4 Antibody) at dilution of 1:200 (under 10 \times lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 10564-1-AP (APOL4 Antibody) at dilution of 1:200 (under 40 \times lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 10564-1-AP (APOL4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).