

APOL4 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/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, 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/ICC : HepG2 cells,

Background Information

Storage

Storage:

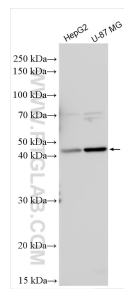
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

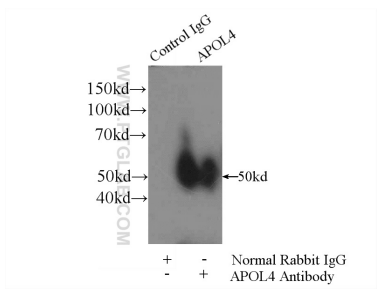
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

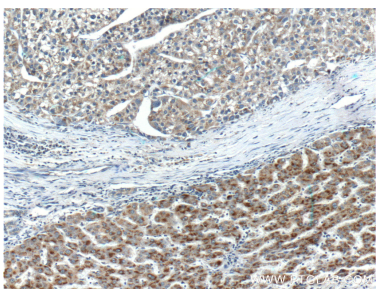
Selected Validation Data



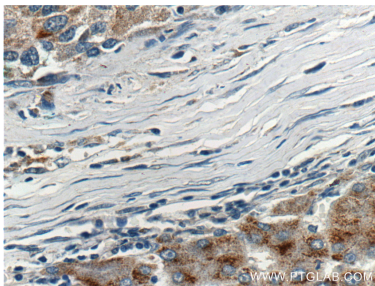
Various lysates were subjected to SDS PAGE followed by western blot with 10564-1-AP (APOL4 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



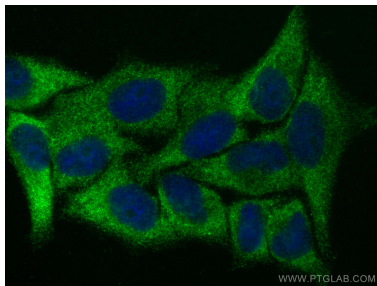
IP result of anti-APOL4 (IP:10564-1-AP, 4ug; Detection:10564-1-AP 1:2000) with HepG2 cells lysate 4000ug.



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



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



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using APOL4 antibody (10564-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).