For Research Use Only

HACL1 Polyclonal antibody

Catalog Number:15519-1-AP Featured Product

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
15519-1-AP

Size:
150ul , Concentration: 450 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG7830

GenBank Accession Number:
BC001627

GeneID (NCBI):
26061

UNIPROT ID:
Q9UJ83

Full Name:
2-hydroxyacyl-CoA lyase 1

Calculated MW:
64 kDa

Observed MW:
64 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000
IP 0.5-4.0 ug 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, IP, IF, IHC, ELISA

Species Specificity:
human, mouse, 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 : HeLa cells, HEK-293 cells

IP : HeLa cells,

IHC : rat liver tissue, human liver tissue, rat kidney tissue

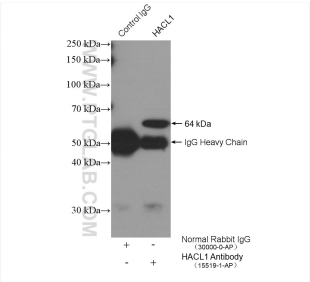
IF/ICC : HeLa cells,

Storage

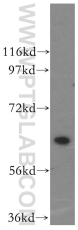
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

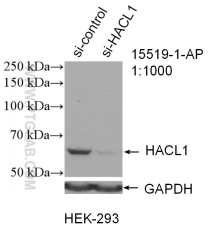
Selected Validation Data



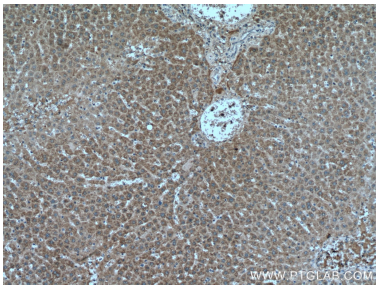
IP result of anti-HACL1 (IP:15519-1-AP, 4ug; Detection:15519-1-AP 1:300) with HeLa cells lysate 2640 ug.



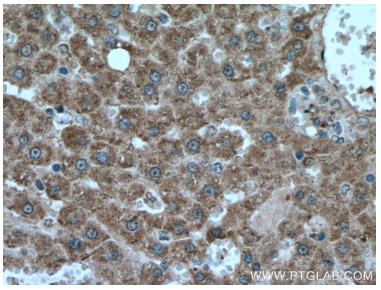
HeLa cells were subjected to SDS PAGE followed by western blot with 15519-1-AP (HACL1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



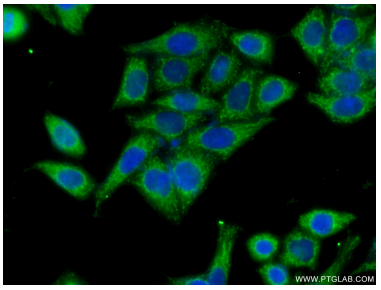
WB result of HACL1 antibody (15519-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-HACL1 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 15519-1-AP (HACL1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 15519-1-AP (HACL1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 15519-1-AP (HACL1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).