

For Research Use Only

RPS15 Polyclonal antibody

Catalog Number: 14957-1-AP

6 Publications



Basic Information

Catalog Number:

14957-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6795

GenBank Accession Number:

BC064908

GeneID (NCBI):

6209

UNIPROT ID:

P62841

Full Name:

ribosomal protein S15

Calculated MW:

17 kDa

Observed MW:

17 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

IHC 1:400-1:1600

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

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: human liver tissue, HeLa cells, L02 cells, mouse brain tissue, mouse liver tissue

IHC: human lymphoma tissue, mouse liver tissue, rat liver tissue, human liver cancer tissue, human colon cancer tissue, human stomach cancer tissue

IF/ICC: HeLa cells,

Background Information

RPS15, also named as RIG protein or Small ribosomal subunit protein uS19, is a 145 amino acid protein, which belongs to the universal ribosomal protein uS19 family. RPS15 is a ribosomal small subunit assembly and involved in nuclear-transcribed mRNA catabolic process, nonsense-mediated decay.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------------|-----------|-----------|-------------|
| Long Jiang | 28502657 | Curr Biol | WB |
| Kehui Xiang | 34213414 | Elife | WB |
| Diego Acosta-Alvear | 30582518 | Elife | 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

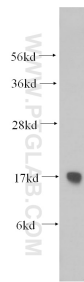
For technical support and original validation data for this product please contact:

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

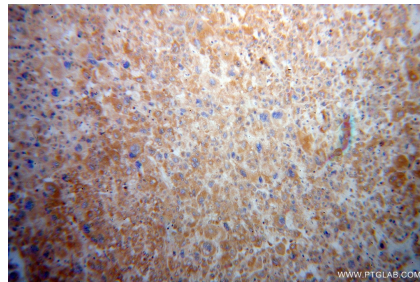
E: proteintech@ptglab.com
W: ptglab.com

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

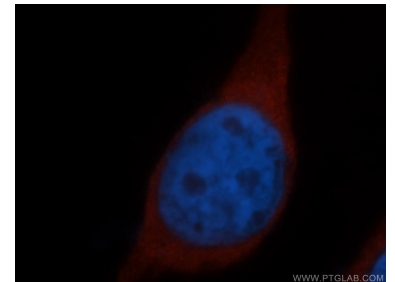
Selected Validation Data



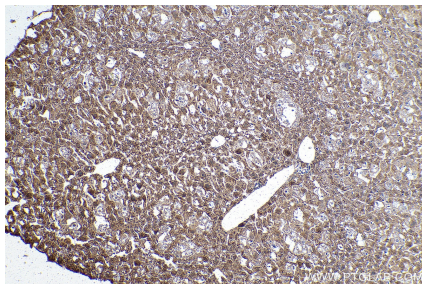
human liver tissue were subjected to SDS PAGE followed by western blot with 14957-1-AP (RPS15 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



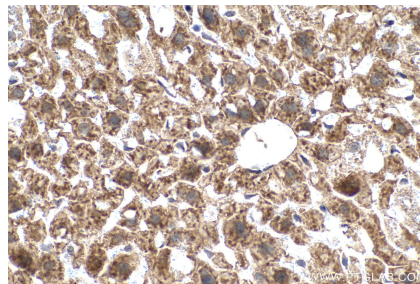
Immunohistochemical analysis of paraffin-embedded human liver cancer using 14957-1-AP (RPS15 antibody) at dilution of 1:100 (under 10x lens).



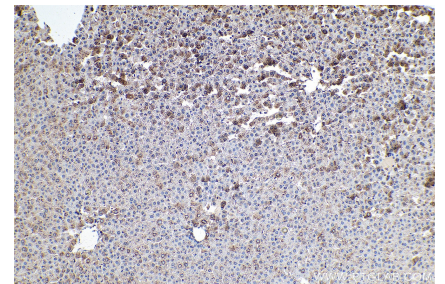
Immunofluorescent analysis of HeLa cells, using RPS15 antibody 14957-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



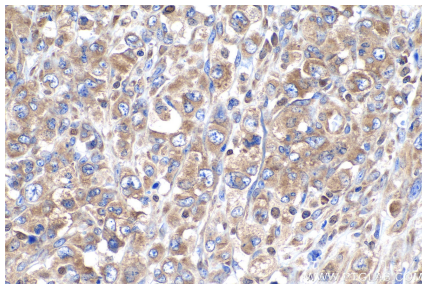
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



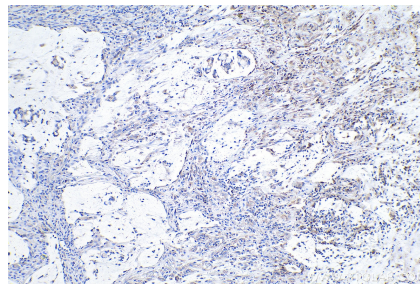
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



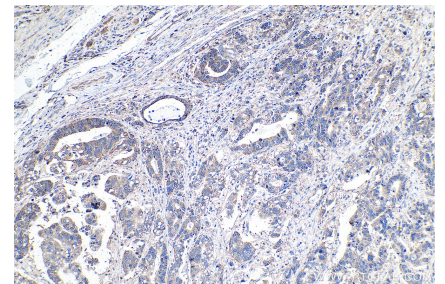
Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).