

## RPS15 Polyclonal antibody

Catalog Number: 14957-1-AP

6 Publications

## Basic Information

## Catalog Number:

14957-1-AP

## Size:

400 µg/ml

## 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

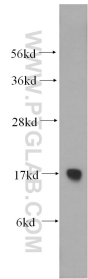
For technical support and original validation data for this product please contact:

T: 4006900926

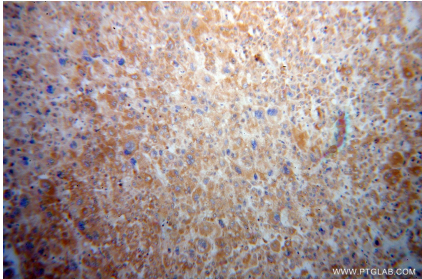
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

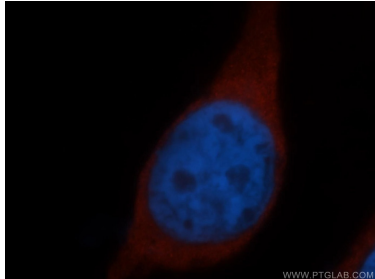
Selected Validation Data



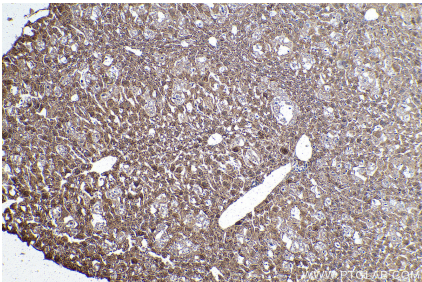
human liver tissue were subjected to SDS PAGE followed by western blot with 14957-1-AP (RPS15 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



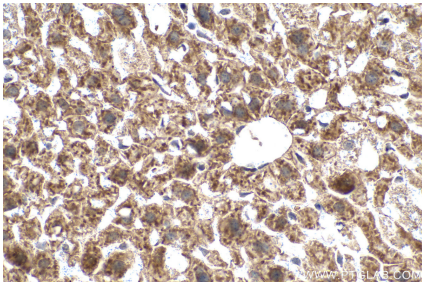
Immunohistochemical analysis of paraffin-embedded human liver cancer using 14957-1-AP (RPS15 antibody) at dilution of 1:100 (under 10x lens).



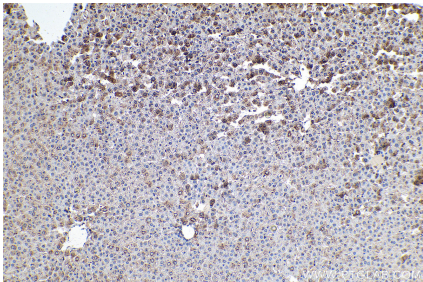
Immunofluorescent analysis of Hela cells, using RPS15 antibody 14957-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



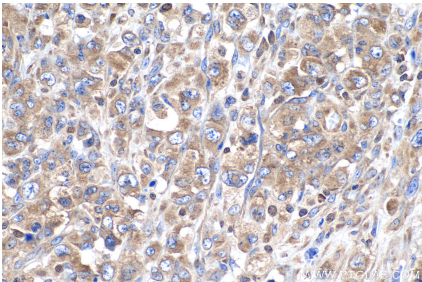
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



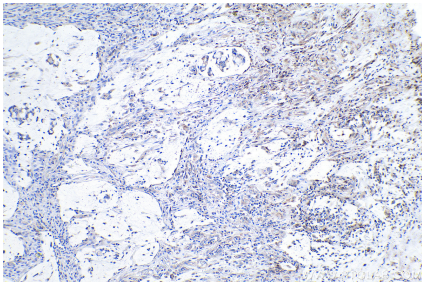
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



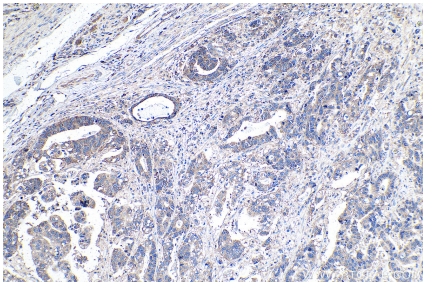
Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).