

For Research Use Only

# RPS15 Polyclonal antibody

Catalog Number: 14957-1-AP **6 Publications**



## Basic Information

<b>Catalog Number:</b> 14957-1-AP	<b>GenBank Accession Number:</b> BC064908	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 400 µg/ml	<b>GeneID (NCBI):</b> 6209	<b>Recommended Dilutions:</b> WB 1:500-1:2400 IHC 1:400-1:1600 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P62841	
<b>Isotype:</b> IgG	<b>Full Name:</b> ribosomal protein S15	
<b>Immunogen Catalog Number:</b> AG6795	<b>Calculated MW:</b> 17 kDa	
	<b>Observed MW:</b> 17 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IHC, WB, 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 :** 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:

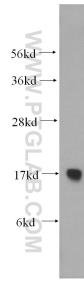
T: 4006900926

E: Proteintech-CN@ptglab.com

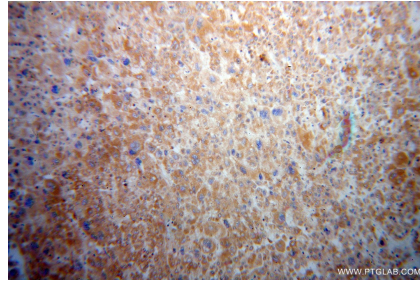
W: ptgcn.com

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

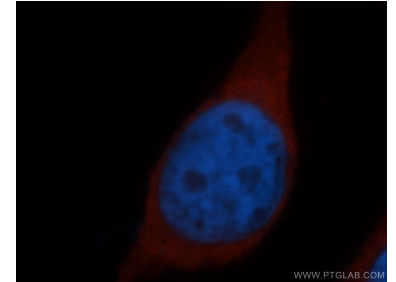
## Selected Validation Data



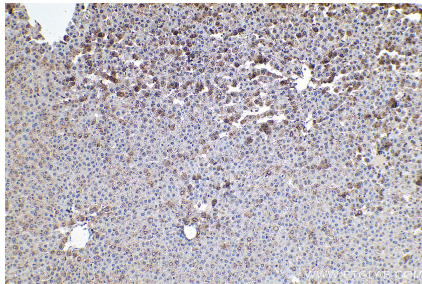
human liver tissue were subjected to SDS PAGE followed by western blot with 14957-1-AP (RPS15 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



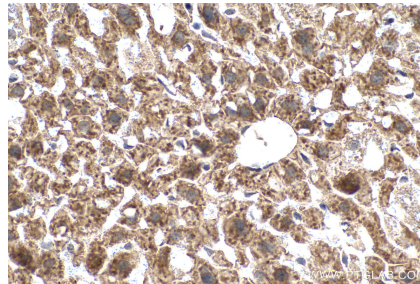
Immunohistochemical analysis of paraffin-embedded human liver cancer using 14957-1-AP (RPS15 antibody) at dilution of 1:100 (under 10x lens).



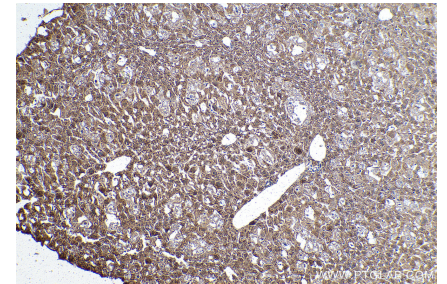
Immunofluorescent analysis of Hela cells, using RPS15 antibody 14957-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



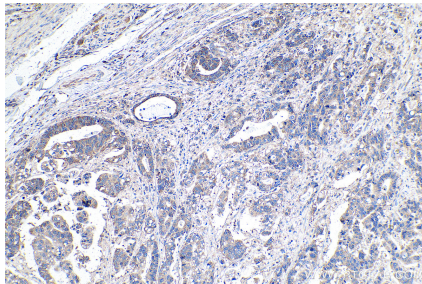
Immunohistochemical analysis of paraffin-embedded rat liver tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



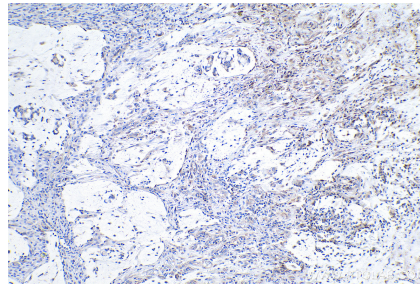
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



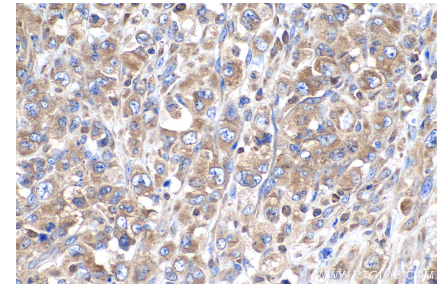
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 14957-1-AP (RPS15 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded 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).



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 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).