

For Research Use Only

# RPL19 Polyclonal antibody

Catalog Number: 14701-1-AP

Featured Product

7 Publications



## Basic Information

### Catalog Number:

14701-1-AP

### Concentration:

450 ug/ml

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6371

### GenBank Accession Number:

BC066315

### GeneID (NCBI):

6143

### UNIPROT ID:

P84098

### Full Name:

ribosomal protein L19

### Calculated MW:

23 kDa

### Observed MW:

28 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 1:20-1:200

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, FC (Intra), IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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, MCF-7 cells, mouse spleen tissue, mouse testis tissue, PC-3 cells

**IP** : HeLa cells,

**IHC** : human brain tissue, mouse brain tissue

**IF/ICC** : HeLa cells,

## Background Information

RPL19, also named as 60S ribosomal protein L19, is a 196 amino acid protein, which belongs to the ribosomal protein L19e family. RPL19 encodes a ribosomal protein that is a component of the 60S subunit.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chandreyee Datta	36306353	Sci Adv	WB
Harrison Tudor Evans	31118249	EMBO J	
Harrison Tudor Evans	31268600	EMBO J	WB

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

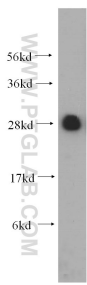
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

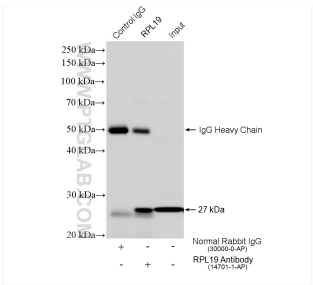
W: [ptgcn.com](http://ptgcn.com)

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

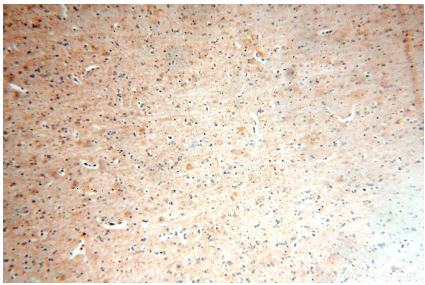
Selected Validation Data



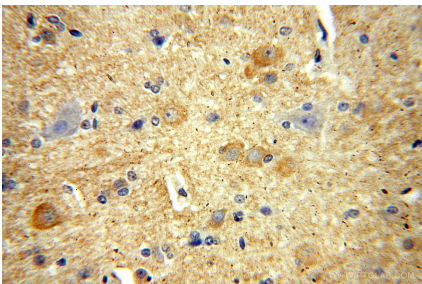
HeLa cells were subjected to SDS PAGE followed by western blot with 14701-1-AP (RPL19 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



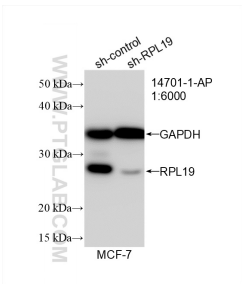
IP result of anti-RPL19 (IP:14701-1-AP, 4ug; Detection:14701-1-AP 1:3000) with HeLa cells lysate 1560 ug.



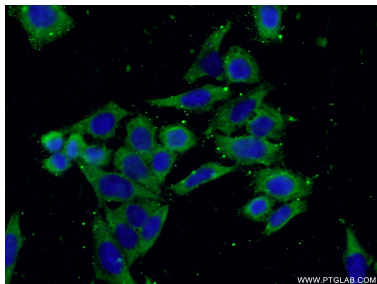
Immunohistochemical analysis of paraffin-embedded human brain using 14701-1-AP (RPL19 antibody) at dilution of 1:100 (under 10x lens).



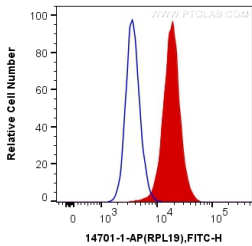
Immunohistochemical analysis of paraffin-embedded human brain using 14701-1-AP (RPL19 antibody) at dilution of 1:100 (under 40x lens).



WB result of RPL19 antibody (14701-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RPL19 transfected MCF-7 cells.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 14701-1-AP (RPL19 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug Anti-Human RPL19 (14701-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).