

For Research Use Only

# RPS17 Polyclonal antibody

Catalog Number: 16267-1-AP



## Basic Information

<b>Catalog Number:</b> 16267-1-AP	<b>GenBank Accession Number:</b> BC009407	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 650 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6218	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P08708	<b>IHC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> ribosomal protein S17	<b>IF/ICC 1:200-1:800</b>
<b>Immunogen Catalog Number:</b> AG9334	<b>Calculated MW:</b> 135 aa, 16 kDa	
	<b>Observed MW:</b> 16 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> HEK-293 cells, HeLa cells, Jurkat cells, PC-3 cells, NIH/3T3 cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> mouse cerebellum tissue,
	<b>IF/ICC :</b> U2OS cells,

## Background Information

RPS17 is a component of the small ribosomal subunit, the ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell.

## Storage

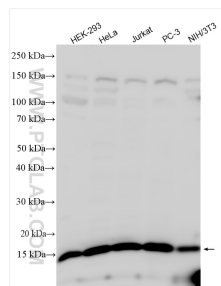
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

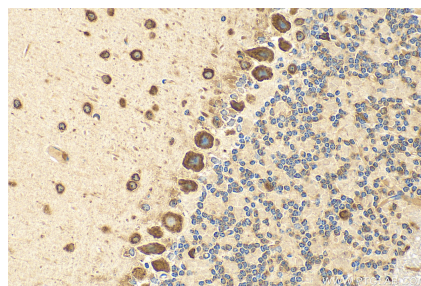
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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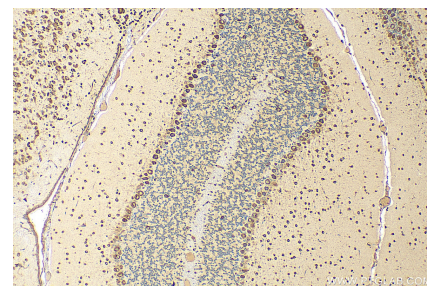
## Selected Validation Data



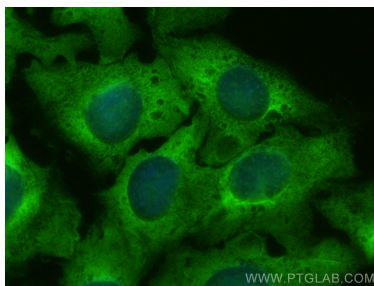
Various lysates were subjected to SDS PAGE followed by western blot with 16267-1-AP (RPS17 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 16267-1-AP (RPS17 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 16267-1-AP (RPS17 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using RPS17 antibody (16267-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).