

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 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6218	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> ribosomal protein S17	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 135 aa, 16 kDa	
<b>Immunogen Catalog Number:</b> AG9334	<b>Observed MW:</b> 16 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Species Specificity:

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 : HEK-293 cells, HeLa cells, Jurkat cells, PC-3 cells, NIH/3T3 cells

IHC : mouse cerebellum tissue,

## 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

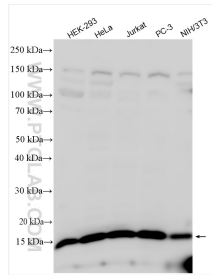
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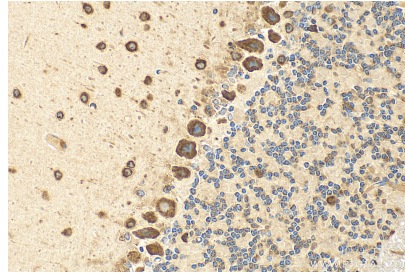
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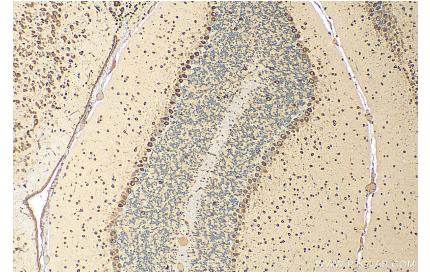
## Selected Validation Data



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).