

# RPS17 Polyclonal antibody

Catalog Number: 16267-1-AP

## Basic Information

**Catalog Number:**

16267-1-AP

**Size:**

650 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG9334

**GenBank Accession Number:**

BC009407

**GeneID (NCBI):**

6218

**UNIPROT ID:**

P08708

**Full Name:**

ribosomal protein S17

**Calculated MW:**

135 aa, 16 kDa

**Observed MW:**

16 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:200-1:800

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, 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,

**IF/ICC :** 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:**

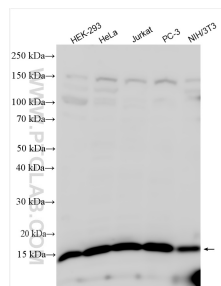
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

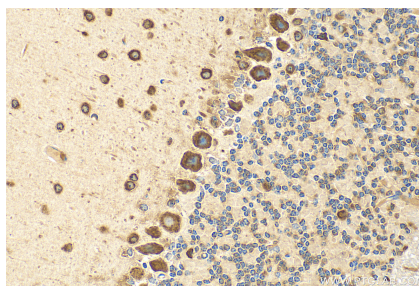
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

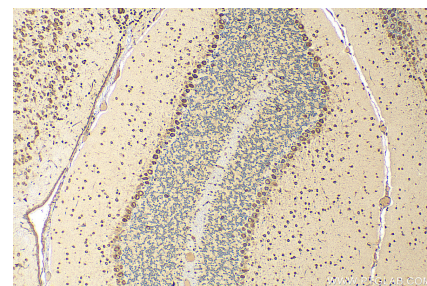
## Selected Validation Data



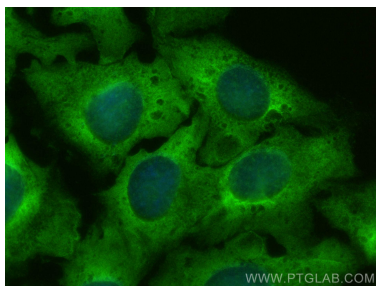
Various lysates were subjected to SDS PAGE followed by western blot with 16267-1-AP (RPS17 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).