# **RPL8 Rabbit pAb**

Catalog No.: A10042 3 Publications



## **Basic Information**

### **Observed MW**

28kDa

#### **Calculated MW**

28kDa

#### Category

Primary antibody

### **Applications**

WB,IHC-P,IF/ICC,ELISA

#### **Cross-Reactivity**

Human, Mouse, Rat

# **Background**

Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L2P family of ribosomal proteins. It is located in the cytoplasm. In rat, the protein associates with the 5.8S rRNA, very likely participates in the binding of aminoacyl-tRNA, and is a constituent of the elongation factor 2-binding site at the ribosomal subunit interface. Alternatively spliced transcript variants encoding the same protein exist. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

## **Recommended Dilutions**

**WB** 1:1000 - 1:4000

**IHC-P** 1:50 - 1:200

IF/ICC 1:100 - 1:200

**ELISA** Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

# Immunogen Information

**Gene ID**6132

Swiss Prot
P62917

#### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

## **Synonyms**

L8; uL2; RPL8

## **Contact**

<u>a</u>	400-999-6126
$\bowtie$	cn.market@abclonal.com.cn
$\overline{\Box}$	www.abclonal.com.cn

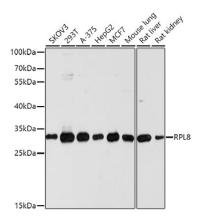
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

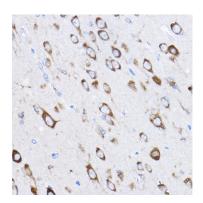


Western blot analysis of various lysates using RPL8 Rabbit pAb (A10042) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit lgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

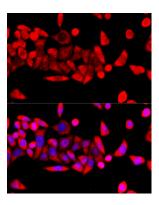
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

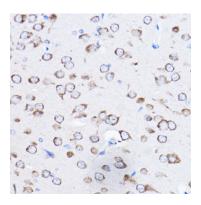
Exposure time: 5s.



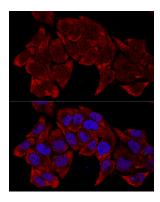
Immunohistochemistry analysis of paraffinembedded Rat brain using RPL8 Rabbit pAb (A10042) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



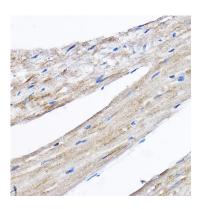
Immunofluorescence analysis of HeLa cells using RPL8 Rabbit pAb (A10042) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Mouse brain using RPL8 Rabbit pAb (A10042) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Confocal immunofluorescence analysis of HeLa cells using RPL8 Rabbit pAb (A10042) at dilution of 1:200. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffinembedded Mouse heart using RPL8 Rabbit pAb (A10042) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.