

## RPL32 Polyclonal Antibody

Catalog No. E-AB-64410

*Note:* Centrifuge before opening to ensure complete recovery of vial contents.

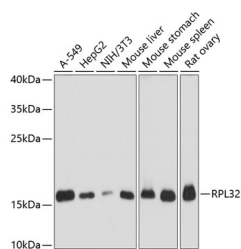
### Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein of human RPL32 (NP_000985.1).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Applications Recommended Dilution

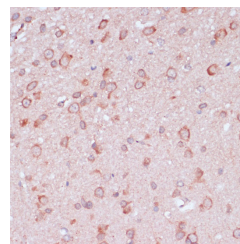
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:100
<b>IF</b>	1:50-1:100

### Data

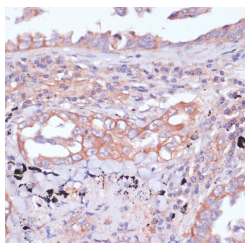


Western blot analysis of extracts of various cell lines using RPL32 Polyclonal Antibody at dilution of 1:3000.

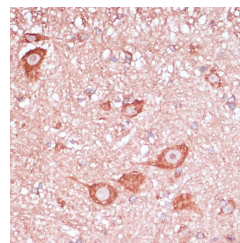
**Observed Mw:16kDa**  
**Calculated Mw:15kDa**



Immunohistochemistry of paraffin-embedded Rat brain using RPL32 Polyclonal Antibody at dilution of 1:100 (40x lens).

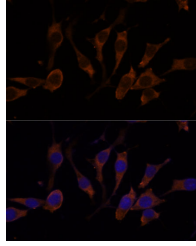


Immunohistochemistry of paraffin-embedded Human lung cancer using RPL32 Polyclonal Antibody at dilution of 1:100 (40x lens).

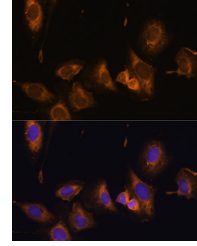


Immunohistochemistry of paraffin-embedded Mouse spinal cord using RPL32 Polyclonal Antibody at dilution of 1:100 (40x lens).

### For Research Use Only



Immunofluorescence analysis of L929 cells using RPL32 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using RPL32 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

## Preparation & Storage

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

## 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 L32E family of ribosomal proteins. It is located in the cytoplasm. Although some studies have mapped this gene to 3q13.3-q21, it is believed to map to 3p25-p24. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding the same protein have been observed for this gene.

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