

## RPL10A Polyclonal Antibody

**Catalog No.** E-AB-19177

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

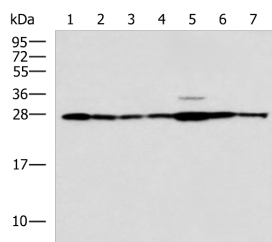
### Description

<b>Reactivity</b>	Human, Mouse, Rat
<b>Immunogen</b>	Fusion protein of human RPL10A
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4

### Applications Recommended Dilution

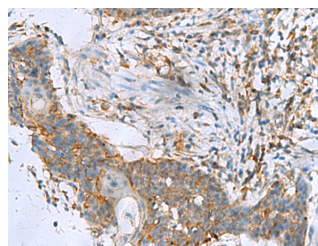
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:200

### Data

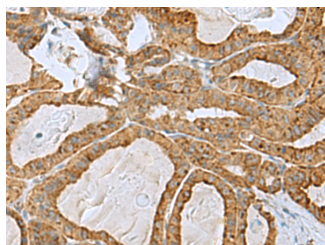


Western blot analysis of Rat liver tissue Mouse kidney tissue Mouse lung tissue HUVEC Jurkat Hela HepG2 cell lysates using RPL10A Polyclonal Antibody at dilution of 1:700

**Observed Mw: Refer to figures**  
**Calculated Mw: 25 kDa**



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using RPL10A Polyclonal Antibody at dilution of 1:50 (×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using RPL10A Polyclonal Antibody at dilution of 1:50 (×200)

### Preparation & Storage

#### For Research Use Only

**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 L1P family of ribosomal proteins. It is located in the cytoplasm. The expression of this gene is downregulated in the thymus by cyclosporin-A (CsA), an immunosuppressive drug. Studies in mice have shown that the expression of the ribosomal protein L10a gene is downregulated in neural precursor cells during development. This gene previously was referred to as NEDD6 (neural precursor cell expressed, developmentally downregulated 6), but it has been renamed RPL10A (ribosomal protein 10a). As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

---

## For Research Use Only