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Datasheet for ABIN7075442 anti-RPL8 antibody

2 Images



### Overview

| Quantity:    | 100 µL   |
|--------------|--|
| Target:      | RPL8   |
| Reactivity:  | Human, Mouse, Rat  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF) |

## Product Details

| Immunogen:        | Recombinant protein corresponding to Mouse RPL8 |
|-------------------|---|
| Cross-Reactivity: | Human, Rat                                      |
| Purification:     | Affinity purification                           |

## Target Details

| Target:           | RPL8   |
|-------------------|--|
| Alternative Name: | RPL8 (RPL8 Products)   |
| 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     |

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## Target Details

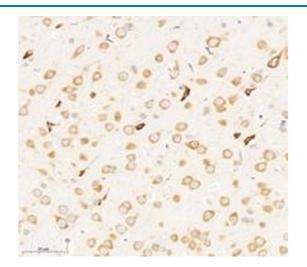
|                     | ribosomal subunit interface.   |
|---------------------|--|
| Molecular Weight:   | 34 kDa   |
| Gene ID:            | 26961  |
| UniProt:            | P62918   |
| Pathways:           | Regulation of Cell Size  |
| Application Details |  |
| Application Notes:  | WB (H,M,R) 1:1000-1:2000, IHC/IF (R) 1:1500-1:3000   |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Format:             | Liquid   |
| Buffer:             | PBS, pH 7.4, 0.02 % sodium azide   |
| Preservative:       | Sodium azide   |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:            | -20 °C   |
|                     |  |

#### Images



### Western Blotting

**Image 1.** Western blot analysis of RPL8 (ABIN7075442),at dilution of 1: 2000



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Immunohistochemistry analysis of paraffinembedded rat brain using,RPL8 (ABIN7075442) at dilution of 1: 3000

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