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

## Description

| Reactivity | Human,Mouse,Rat |
| :--- | :--- |
| Immunogen | Recombinant fusion protein of human RPL21 (NP_000973.2). |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with $0.02 \%$ sodium azide, $50 \%$ glycerol, pH7.3. |
| Applications | Recommended Dilution |
| IHC | $1: 50-1: 100$ |
| IF | $1: 50-1: 100$ |
| Data |  |



Immunohistochemistry of paraffin-embedded Rat brain using RPL21 Polyclonal Antibody at dilution of 1:100 (40x lens).


Confocal immunofluorescence analysis of A-431 cells using RPL21 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

## Preparation \& Storage

Storage
Store at $-20^{\circ} \mathrm{C}$. 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 60 S subunit. The protein belongs to the L 21 E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed

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pseudogenes of this gene dispersed through the genome.

