# RPL36 Polyclonal Antibody

**catalog number:** **E-AB-62405**

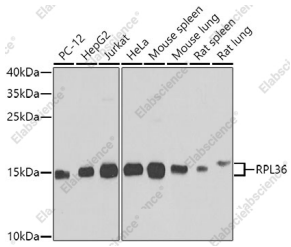
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | Recombinant fusion protein of human RPL36 (NP_056229.2) |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Buffer** | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IHC** | 1:50-1:200 |
| **IF** | 1:50-1:200 |

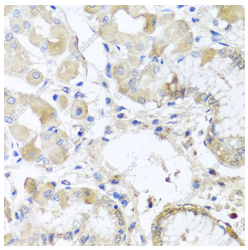
## Data



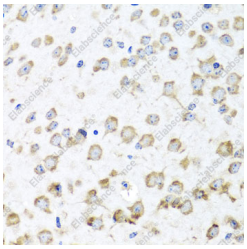

Western blot analysis of extracts of various cell lines using RPL36 Polyclonal Antibody at dilution of 1:1000.

**Observed-MW:15 kDa**

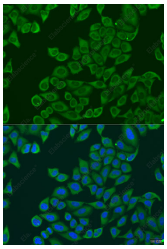
**Calculated-MW:12 kDa**



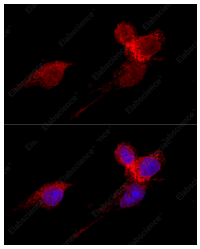
Immunohistochemistry of paraffin-embedded Human stomach using RPL36 Polyclonal Antibody at dilution of 1:100 (40x lens).

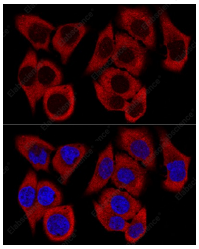


Immunohistochemistry of paraffin-embedded Mouse brain using RPL36 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using RPL36 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.






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Confocal immunofluorescence analysis of HeLa cells using RPL36 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.

Confocal immunofluorescence analysis of HeLa cells using RPL36 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles. |
| **Shipping** | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

## 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 L36E family of ribosomal proteins. It is located in the cytoplasm. Transcript variants derived from alternative splicing exist; they encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.


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