Best Tools for immunology Research

# Ribosomal Protein L15 Polyclonal Antibody

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|---|---|
| **Catalog No :** | YT4097 |
| **Reactivity :** | Human;Mouse;Rat |
| **Applications :** | WB;IHC;IF;ELISA |
| **Target :** | Ribosomal Protein L15 |
| **Fields :** | >>Ribosome;>>Coronavirus disease - COVID-19 |
| **Gene Name :** | RPL15 |
| **Protein Name :** | 60S ribosomal protein L15 |
| **Human Gene Id :** | 6138 |
| **Human Swiss Prot No :** | P61313 |
| **Mouse Gene Id :** | 66480 |
| **Mouse Swiss Prot No :** | Q9CZM2 |
| **Rat Gene Id :** | 245981 |
| **Rat Swiss Prot No :** | P61314 |
| **Immunogen :** | The antiserum was produced against synthesized peptide derived from human RPL15. AA range:41-90 |
| **Specificity :** | Ribosomal Protein L15 Polyclonal Antibody detects endogenous levels of Ribosomal Protein L15 protein. |
| **Formulation :** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source :** | Polyclonal, Rabbit,IgG |
| **Dilution :** | WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200 |

**Purification :** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Concentration :** 1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 20kD

**Cell Pathway :** Ribosome;

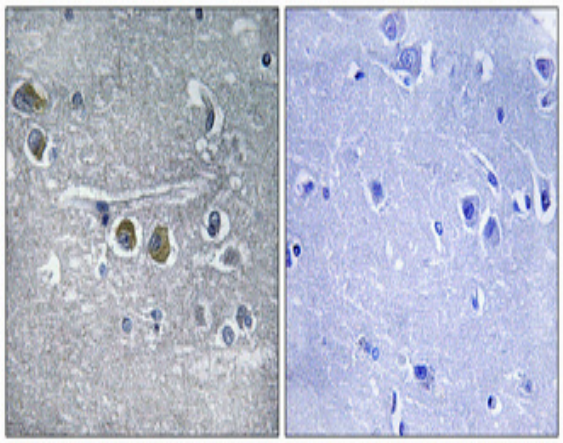
**Background :** Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L15E family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with the yeast ribosomal protein YL10 gene. Although this gene has been referred to as RPL10, its official symbol is RPL15. This gene has been shown to be overexpressed in some esophageal tumors compared to normal matched tissues. Alternate splicing results in multiple transcript variants. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Nov 2011],

**Function :** similarity:Belongs to the ribosomal protein L15e family.,

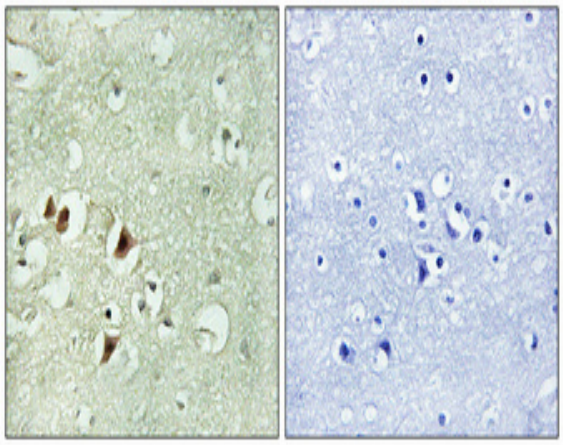
**Subcellular Location :** Membrane ; Lipid-anchor .

**Expression :** Bone,Brain,Cervix,Leukemia,Lung,Skin,Small intestine,Testis,

## Products Images



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



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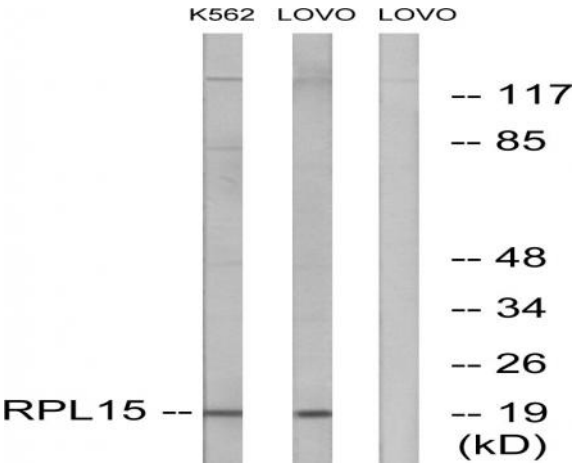


Western blot analysis of lysates from LOVO and K562 cells, using RPL15 Antibody. The lane on the right is blocked with the synthesized peptide.