

## Ribosomal Protein L14 Polyclonal Antibody

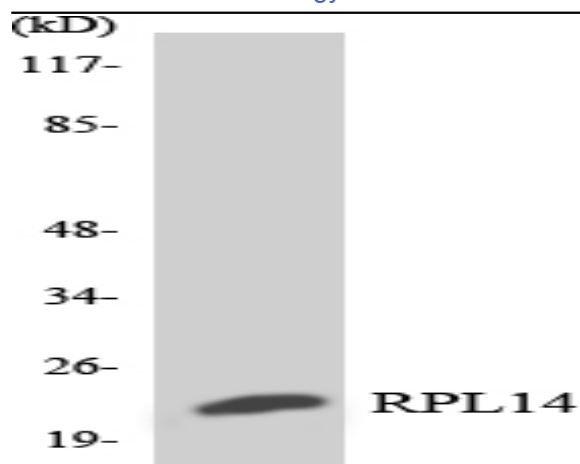
<b>Catalog No :</b>	YT4096
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA;IHC
<b>Target :</b>	Ribosomal Protein L14
<b>Fields :</b>	>>Ribosome;>>Coronavirus disease - COVID-19
<b>Gene Name :</b>	RPL14
<b>Protein Name :</b>	60S ribosomal protein L14
<b>Human Gene Id :</b>	9045
<b>Human Swiss Prot No :</b>	P50914
<b>Mouse Gene Id :</b>	67115
<b>Mouse Swiss Prot No :</b>	Q9CR57
<b>Rat Swiss Prot No :</b>	Q63507
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human RPL14. AA range:71-120
<b>Specificity :</b>	Ribosomal Protein L14 Polyclonal Antibody detects endogenous levels of Ribosomal Protein L14 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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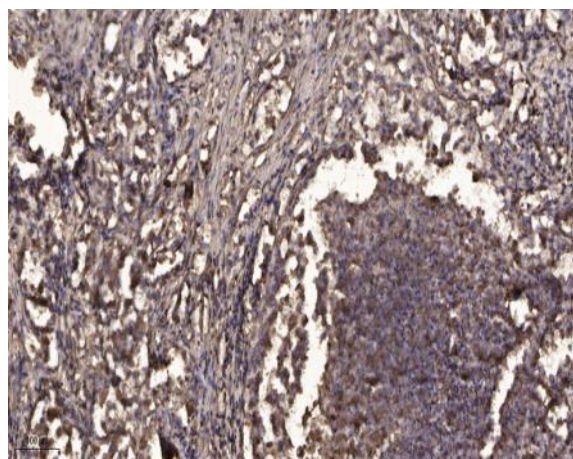
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	26kD
<b>Cell Pathway :</b>	Ribosome;
<b>Background :</b>	<p>Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. 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 L14E family of ribosomal proteins. It contains a basic region-leucine zipper (bZIP)-like domain. The protein is located in the cytoplasm. This gene contains a trinucleotide (GCT) repeat tract whose length is highly polymorphic; these triplet repeats result in a stretch of alanine residues in the encoded protein. Transcript variants utilizing alternative polyA signals and alternative 5'-terminal exons exist but all encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.</p>
<b>Function :</b>	polymorphism:The poly-Ala stretch is highly polymorphic.,similarity:Belongs to the ribosomal protein L14e family.,
<b>Subcellular Location :</b>	cytoplasm,cytosol,ribosome,cell-cell adherens junction,membrane,cytosolic large ribosomal subunit,extracellular exosome,
<b>Expression :</b>	Brain,Cervix carcinoma,Dermoid cancer,Epithelium,Kidney,Muscle,Ovary,Pancreas,Skin,
<b>Sort :</b>	14464
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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## Products Images



Western blot analysis of the lysates from Jurkat cells using RPL14 antibody.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).