

Product Name: Ribosomal Protein L14 Rabbit Polyclonal Antibody
Catalog #: APRab17147

Summary

Production Name	Ribosomal Protein L14 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	RPL14
Alternative Names	RPL14; 60S ribosomal protein L14; CAG-ISL 7
Gene ID	9045.0
SwissProt ID	P50914.The antiserum was produced against synthesized peptide derived from human RPL14. AA range:71-120

Application

Dilution Ratio	WB 1:500-2000 ELISA 2000-20000
Molecular Weight	26kD

Background

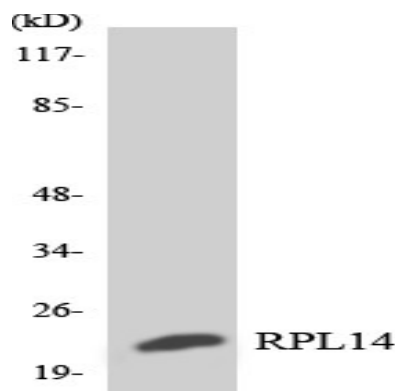
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Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal 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. polymorphism: The poly-Ala stretch is highly polymorphic., similarity: Belongs to the ribosomal protein L14e family.,

Research Area

Ribosome;

Image Data



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

Note

For research use only.