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RPL14

Reactivity: Human

Tested applications:WB

Recommended Dilution:WB 1:200 - 1:2000

Calculated MW:23kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human RPL14

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

j

Synonym:

L14; RL14; hRL14; CTG-B33; CAG-ISL-7;

Catalog #:A4265

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:9045

Isotype: IgG

Swiss Prot:P50914

Purity: Affinity purification

For research use only.

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 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.

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