

RK05698

Leader in Biomolecular Solutions for Life Science



[One Step] RPL14 Antibody Kit

Catalog No.: RK05698

Basic Information

Applications

Cross-Reactivity

Human, Mouse, Rat

Observed MW

26kDa

Calculated MW

23kDa

Category

Antibody kit

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.

Product Information

Source

Rabbit

Purification

Storage

Avoid repeated freeze-thaw cycles.

Contact



www.abclonal.com

Component & Recommended Dilutions

Catalog No.	Product Name	Dilutions
RK05698-1	RPL14 Rabbit pAb	23kDa
RK05698-2	HRP-conjugated Goat anti-Rabbit IgG (H+L)	26kDa

Immunogen Information

Gene ID

9045

Swiss Prot

P50914

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-215 of human RPL14 (NP_003964.3).

Synonyms

L14; RL14; eL14; hRL14; CTG-B33; CAG-ISL-7; RPL14