

Ribosomal Protein L14 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07849
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RPL14. AA range:71-120
Mol wt	23290
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Ribosomal Protein L14 Antibody
Synonyms	RPL14; 60S ribosomal protein L14; CAG-ISL 7

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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. RPL14 (ribosomal protein L14) 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. RPL14 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 RPL14 dispersed through the genome.

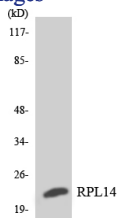
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000

Not yet tested in other applications.

Images



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

Storage

-20°C for one year