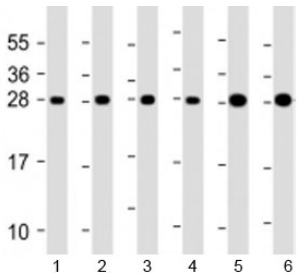
RPL14 Antibody / Ribosomal Protein L14 (F53842)

Catalog No.	Formulation	Size
F53842-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53842-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P50914
Applications	Western blot: 1:1000-2000
Limitations	This RPL14 antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) Jurkat, 3) MCF-7, 4) 293T/17, 5) U-2OS and 6) A431 cell lysate with RPL14 antibody at 1:2000. Predicted molecular weight: 23 kDa.

Description

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. 60S ribosomal protein L14 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. [RefSeq]

Application Notes

Titration of the RPL14 antibody may be required due to differences in protocols and substrate sensitivity.

Immunogen

A portion of amino acids 117-147 from the human protein was used as the immunogen for the RPL14 antibody.

Storage

Aliquot the RPL14 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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