

Product datasheet for **AP53707PU-N**

RPL12 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100 - 1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 70-100 amino acids from the Central region of human RPL12
Specificity:	This antibody reacts to RPL12.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0,09% sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	17819 Da
Gene Name:	ribosomal protein L12
Database Link:	Entrez Gene 6136 Human P30050



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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 L11P family of ribosomal proteins. It is located in the cytoplasm. The protein binds directly to the 26S rRNA. This gene is co-transcribed with the U65 snoRNA, which is located in its fourth intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Synonyms:

RPL12

Protein Pathways:

Ribosome

Product images:

RPL12 Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the RPL12 antibody detected the RPL12 protein (arrow).