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Product datasheet for TA336078

RPS13 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-RPS13 Antibody: synthetic peptide directed towards the middle region of human RPS13. Synthetic peptide located within the following region: ILRILKSKGLAPDLPEDLYHLIKKAVAVRKHLERNRKDKDAKFRLILIES
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17 kDa
Gene Name:	ribosomal protein S13
Database Link:	NP_001008 Entrez Gene 6207 Human P62277

View online »

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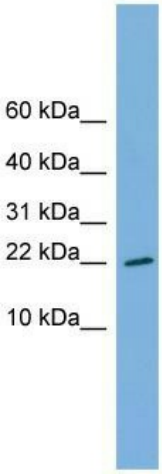
Background: Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S15P family of ribosomal proteins. It is located in the cytoplasm. The protein has been shown to bind to the 5.8S rRNA in rat. The gene product of the E. coli ortholog (ribosomal protein S15) functions at early steps in ribosome assembly. This gene is co-transcribed with two U14 small nucleolar RNA genes, which are located in its third and fifth introns. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

Synonyms: S13

Note: Immunogen Sequence Homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%; Dog: 93%; Yeast: 86%

Protein Pathways: Ribosome

Product images:



WB Suggested Anti-RPS13 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:1562500; Positive Control: THP-1 cell lysate

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