RPS21 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RPS21, Polyclonal Antibody
Full Product Name	RPS21 Antibody, Biotin conjugated
Product Gene Name	anti-RPS21 antibody
Product Synonym Names	40S ribosomal protein S21; RPS21
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: RPS21 (MBS7103159) Biotin Conjugated Antibody: RPS21 (MBS7103162)
Molecular Weight	9,111 Da
OMIM	L04483 mRNA
3D Structure	ModBase 3D Structure for P63220
Immunogen	Recombinant Human 40S ribosomal protein S21 protein (1-81AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RPS21 antibody	ELISA (EIA)
Related Product Information for anti-RPS21 antibody	cytoplasm, cytosol, cytosolic small ribosomal subunit, nucleoplasm, small ribosomal subunit, poly(A) RNA binding, protein N-terminus binding, structural constituent of ribosome, endonucleolytic cleavage in ITS1 to separate SSU-rRNA from 5.8S rRNA and LSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA), endonucleolytic cleavage to generate mature 3'-end of SSU-rRNA from (SSU-rRNA, 5.8S rRNA, LSU-rRNA)
Other Notes	Small volumes of anti-RPS21 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RPS21 purchase	MBS7103162 is an antibody targeting RPS21. Also known as RPS21 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPS21. It may not necessarily be applicable to this product.

NCBI GI #	4506699

NCBI GeneID	6227
NCBI Accession #	NP_001015.1
UniProt Primary Accession #	P63220
UniProt Secondary Accession #	P35265
UniProt Related Accession #	P63220
GenBank Nucleotide #	NM_001024.3
NCBI Official Full Name	40S ribosomal protein S21
NCBI Official Synonym Full Names	ribosomal protein S21
NCBI Official Symbol	RPS21
NCBI Official Synonym Symbols	S21; HLDF
UniProt Protein Name	40S ribosomal protein S21
UniProt Synonym Protein Names	Small ribosomal subunit protein eS21
Protein Family	40S ribosomal protein
UniProt Gene Name	RPS21
NCBI Protein Information	40S ribosomal protein S21
NCBI Summary for RPS21	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 S21E family of ribosomal proteins. It is located in the cytoplasm. Alternative splice variants that encode different protein isoforms have been described, but their existence has not been verified. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]
Research Articles on RPS21	**1.** The results show that RPS19, RPS21 or RPS24 are upregulated in malignant tissue and may serve as putative biomarkers for prostate cancer.
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