RPS7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RPS7, Polyclonal Antibody
Full Product Name	RPS7 Antibody, Biotin conjugated
Product Gene Name	anti-RPS7 antibody
Product Synonym Names	40S ribosomal protein S7; Small ribosomal subunit protein eS71; RPS7
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: RPS7 (MBS7105873) Biotin Conjugated Antibody: RPS7 (MBS7105876)
Molecular Weight	22,127 Da
OMIM	M77233 mRNA
3D Structure	ModBase 3D Structure for P62081
Immunogen	Recombinant Human 40S ribosomal protein S7 protein (1-194AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-RPS7 antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RPS7 antibody	ELISA (EIA)
Related Product Information for anti-RPS7 antibody	MBS7105876 is an antibody targeting RPS7. Also known as RPS7 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit. Required for rRNA maturation.
Other Notes	Small volumes of anti-RPS7 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPS7. It may not necessarily be applicable to this product.

NCBI GI #	4506741
NCBI GeneID	6201

NCBI Accession #	NP_001002.1
UniProt Primary Accession #	P62081
UniProt Secondary Accession #	P23821; P24818; Q57Z92; Q6IPH1
UniProt Related Accession #	P62081
GenBank Nucleotide #	NM_001011.3
NCBI Official Full Name	40S ribosomal protein S7
NCBI Official Synonym Full Names	ribosomal protein S7
NCBI Official Symbol	RPS7
NCBI Official Synonym Symbols	S7; DBA8
UniProt Protein Name	40S ribosomal protein S7
UniProt Synonym Protein Names	Small ribosomal subunit protein eS7
Protein Family	30S ribosomal protein
UniProt Gene Name	RPS7
NCBI Protein Information	40S ribosomal protein S7
NCBI Summary for RPS7	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 S7E family of ribosomal proteins. It is located in the cytoplasm. 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]
UniProt Comments for RPS7	Required for rRNA maturation.
Research Articles on RPS7	**1.** RPS7 role in cell proliferation in the context of Hepatitis B virus-related hepatocellular carcinoma.SIRT7 trans-represses RPS7 gene in the presence of HBx protein.
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