RPS2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RPS2, Polyclonal Antibody
Full Product Name	RPS2 (C-Term) Rabbit pAb
Product Gene Name	anti-RPS2 antibody
Product Synonym Names	40S ribosomal protein S2; 40S ribosomal protein S4; Protein LLRep3; RPS2; RPS4
Clonality	Polyclonal
Isotype	Ig
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	In PBS supplemented with 0.09% (W/V) Sodium Azide.
Purity/Purification	Affinity Purified
OMIM	X17206 mRNA
3D Structure	ModBase 3D Structure for P15880
Immunogen	This RPS2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 248-379 amino acids from human RPS2.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RPS2 antibody	Western Blot (WB)
Application Notes for anti-RPS2 antibody	WB: 1:2000
Related Product Information for anti-RPS2 antibody	MBS8558092 is an antibody targeting RPS2. Also known as RPS2 (C-Term) Rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-RPS2 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 RPS2. It may not necessarily be applicable to this product.

NCBI GI #	15055539
NCBI GeneID	6187
NCBI Accession #	NP_002943
UniProt Primary Accession #	P15880
UniProt Related Accession #	P15880
GenBank Nucleotide #	NP_002943.2
NCBI Official Full Name	40S ribosomal protein S2

NCBI Official Synonym Full Names	ribosomal protein S2
NCBI Official Symbol	RPS2
NCBI Official Synonym Symbols	S2; LLREP3
UniProt Protein Name	40S ribosomal protein S2
UniProt Synonym Protein Names	40S ribosomal protein S4; Protein LLRep3; Small ribosomal subunit protein uS5
Protein Family	30S ribosomal protein
UniProt Gene Name	RPS2
UniProt Synonym Gene Names	RPS4
NCBI Protein Information	40S ribosomal protein S2
NCBI Summary for RPS2	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 S5P family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is co-transcribed with the small nucleolar RNA gene U64, which is located in its third intron. 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 RPS2	**1.** ZNF277 and PRMT3 compete for uS5 binding, because overexpression of PRMT3 inhibited the formation of the ZNF277-uS5 complex, whereas depletion of cellular ZNF277 resulted in increased levels of uS5-PRMT3.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/rps2/8558092