RPP21 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RPP21, Polyclonal Antibody
Full Product Name	RPP21 Antibody; Biotin conjugated
Product Gene Name	anti-RPP21 antibody
Product Synonym Names	Ribonuclease P protein subunit p21; RNaseP protein p21; Ribonuclease P/MRP 21 kDa subunit; Ribonucleoprotein V; RPP21; C6orf135; CAT60
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: RPP21 (MBS7005739) Biotin Conjugated Antibody: RPP21 (MBS7005264)
Molecular Weight	18,366 Da
OMIM	612524
3D Structure	ModBase 3D Structure for Q9H633
Immunogen	Recombinant human Ribonuclease P protein subunit p21 protein
Conjugation	Biotin
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-169218 / sc-169217
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-RPP21 antibody	ELISA (EIA)
Related Product Information for anti-RPP21 antibody	Component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends.
Other Notes	Small volumes of anti-RPP21 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 RPP21 purchase	MBS7005264 is an antibody targeting RPP21. Also known as RPP21 Antibody; Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPP21. It may not necessarily be applicable to this product.

NCBI GI #	312283729

NCBI GeneID	79897
NCBI Accession #	NP_001186049.1
UniProt Primary Accession #	Q9H633
UniProt Secondary Accession #	Q5JPL9; Q5JPM1; Q5STF8; Q5STF9; Q5STG2; Q5SU41; Q5SU42; Q86Y49; A2AAZ8; B0S834; B0S835
UniProt Related Accession #	Q9H633
GenBank Nucleotide #	NM_001199120.1
NCBI Official Full Name	ribonuclease P protein subunit p21 isoform 1
NCBI Official Synonym Full Names	ribonuclease P/MRP 21kDa subunit
NCBI Official Symbol	RPP21
NCBI Official Synonym Symbols	CAT60; C6orf135
UniProt Protein Name	Ribonuclease P protein subunit p21
UniProt Synonym Protein Names	Ribonuclease P/MRP 21 kDa subunit; Ribonucleoprotein V
Protein Family	Ribonuclease P protein
UniProt Gene Name	RPP21
UniProt Synonym Gene Names	C6orf135; CAT60; RNaseP protein p21
UniProt Entry Name	RPP21_HUMAN
NCBI Protein Information	ribonuclease P protein subunit p21
NCBI Summary for RPP21	RPP21 is a protein subunit of nuclear ribonuclease P, which processes the 5-prime leader sequence of precursor tRNAs (Jarrous et al., 2001 [PubMed 11497433]).[supplied by OMIM, Jan 2009]
UniProt Comments for RPP21	RPP21: Component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. Belongs to the eukaryotic/archaeal RNase P protein component 4 family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Nucleolus; Ribonuclease; EC 3.1.26.5 Chromosomal Location of Human Ortholog: 6p22.1 Cellular Component: nucleolar ribonuclease P complex; nucleoplasm Molecular Function: metal ion binding; ribonuclease P activity Biological Process: gene expression; response to drug; tRNA processing
Research Articles on RPP21	**1.** Observational study of gene-disease association. (HuGE Navigator)
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.
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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.

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