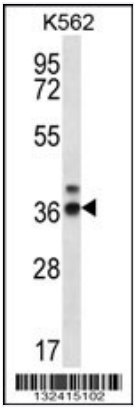
RPP38 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RPP38, Polyclonal Antibody
Full Product Name	RPP38 Antibody (C-term)
Product Gene Name	anti-RPP38 antibody
Product Synonym Names	Ribonuclease P protein subunit p38; RNaseP protein p38; RPP38
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Human (Predicted Reactivity: Bovine)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.5 (lot specific)
Specificity	This RPP38 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 248-277 amino acids from the C-terminal region of human RPP38.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	RPP38 peptide (MBS9219368) is used for blocking the activity of RPP38 antibody (MBS9207434)
Molecular Weight	31834
Immunogen Sequence Positions	248-277
OMIM	606116
3D Structure	ModBase 3D Structure for P78345
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Applications Tested/Suitable for anti-RPP38 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-RPP38 antibody	WB~~1:1000
Related Product Information for anti-RPP38 antibody	Component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. RPP38 may associate transiently with RNase P RNA as a factor involved in the transport of H1 RNA to the putative site of its assembly in the cell, the nucleolus.
Product References and Citations for anti-RPP38 antibody	Wu, C., et al. Proteomics 7(11):1775-1785(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007) Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006) Andersen, J.S., et al. Nature 433(7021):77-83(2005) Welting, T.J., et al. Nucleic Acids Res. 32(7):2138-2146(2004)

Other Notes	Small volumes of anti-RPP38 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 RPP38 purchase	MBS9207434 is an antibody targeting RPP38. Also known as RPP38 Antibody (C-term). Reactive in Human (Predicted Reactivity: Bovine). Host: Rabbit.



Western Blot (WB) of anti-RPP38 antibody
RPP38 Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the RPP38 antibody detected the RPP38 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RPP38. It may not necessarily be applicable to this product.

NCBI GI #	148222745
NCBI GeneID	10557
NCBI Accession #	NP_001091059.1
NCBI Related Accession #	NP_001252530.1; NP_006405.2; NP_892117.1
UniProt Primary Accession #	P78345
UniProt Secondary Accession #	Q53F71; Q8NHS8; B3KPY0; D3DRT8
UniProt Related Accession #	P78345
GenBank Nucleotide #	NM_001097590.2
NCBI Official Full Name	ribonuclease P protein subunit p38
NCBI Official Synonym Full Names	ribonuclease P/MRP 38kDa subunit
NCBI Official Symbol	RPP38
UniProt Protein Name	Ribonuclease P protein subunit p38
Protein Family	Ribonuclease P protein
UniProt Gene Name	RPP38
UniProt Synonym Gene Names	RNaseP protein p38
UniProt Entry Name	RPP38_HUMAN
NCBI Protein Information	ribonuclease P protein subunit p38

UniProt Comments for RPP38	RPP38: Component of ribonuclease P, a protein complex that generates mature tRNA molecules by cleaving their 5'-ends. RPP38 may associate transiently with RNase P RNA as a factor involved in the transport of H1 RNA to the putative site of its assembly in the cell, the nucleolus. Belongs to the ribosomal protein L7Ae family. Protein type: Ribonuclease; Nucleolus; EC 3.1.26.5 Chromosomal Location of Human Ortholog: 10p13 Cellular Component: nucleolar ribonuclease P complex; nucleus Molecular Function: protein binding; ribonuclease P activity Biological Process: tRNA processing
Research Articles on RPP38	**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.
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-bovine-human-antibody/rpp38/9207434