RPP38 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	RPP38, Polyclonal Antibody
Full Product Name	RPP38, CT (RPP38, Ribonuclease P protein subunit p38) (MaxLight 750)
Product Gene Name	anti-RPP38 antibody
Product Synonym Names	RPP38; Ribonuclease P protein subunit p38
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	31,834 Da
OMIM	606116
3D Structure	ModBase 3D Structure for P78345
Immunogen	RPP38 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 255-283 amino acids from the C-terminal region of human RPP38.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-RPP38 antibody	Antibodies; Enzymes; Ribonuclease
Applications Tested/Suitable for anti-RPP38 antibody	Western Blot (WB), FLISA
Application Notes for anti-RPP38 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
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	MBS6343686 is an antibody targeting RPP38. Also known as RPP38, CT (RPP38, Ribonuclease P protein subunit p38) (MaxLight 750). Reactive in Human. Host: Rabbit.

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_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; RNaseP protein p38
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