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RPP38 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12741b

Product Information

Application	WB, E
Primary Accession	P78345
Other Accession	Q32LC1, NP_001091059.1, NP_006405.2, NP_892117.1
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32415
Calculated MW	31834
Antigen Region	248-277

Additional Information

Gene ID	10557
Other Names	Ribonuclease P protein subunit p38, RNaseP protein p38, RPP38
Target/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.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	RPP38 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	RPP38
Function	Component of ribonuclease P, a ribonucleoprotein complex that generates mature tRNA molecules by cleaving their 5'-ends (PubMed:10444065, PubMed:30454648, PubMed:9037013, PubMed:9630247). Also a component

of the MRP ribonuclease complex, which cleaves pre- rRNA sequences (PubMed:28115465).

Cellular Location Nucleus, nucleolus.

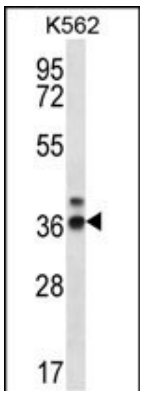
Background

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.

References

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)

Images



RPP38 Antibody (C-term) (Cat. #AP12741b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the RPP38 antibody detected the RPP38 protein (arrow).