

RPP38 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12741b**Specification**

RPP38 Antibody (C-term) - 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
Calculated MW	31834
Antigen Region	248-277

RPP38 Antibody (C-term) - 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.

RPP38 Antibody (C-term) - 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

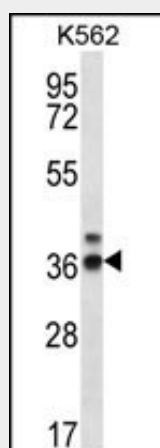
Nucleus, nucleolus.

RPP38 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RPP38 Antibody (C-term) - 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).

RPP38 Antibody (C-term) - 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.

RPP38 Antibody (C-term) - 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)