

QRSL1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18236a

Specification

QRSL1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q9H0R6
Other Accession	Q4R7R9 , NP_060762.3
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	57460
Antigen Region	129-156

QRSL1 Antibody (N-term) - Additional Information

Gene ID 55278

Other Names

Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial {ECO:0000255|HAMAP-Rule:MF_03150}, Glu-AdT subunit A {ECO:0000255|HAMAP-Rule:MF_03150}, 6357 {ECO:0000255|HAMAP-Rule:MF_03150}, Glutaminyl-tRNA synthase-like protein 1 {ECO:0000255|HAMAP-Rule:MF_03150}, QRSL1 {ECO:0000255|HAMAP-Rule:MF_03150}

Target/Specificity

This QRSL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 129-156 amino acids from the N-terminal region of human QRSL1.

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

QRSL1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

QRSL1 Antibody (N-term) - Protein Information

Name QRSL1 {ECO:0000255|HAMAP-Rule:MF_03150}

Function Allows the formation of correctly charged Gln-tRNA(Gln) through the transamidation of misacylated Glu-tRNA(Gln) in the mitochondria. The reaction takes place in the presence of glutamine and ATP through an activated gamma-phospho-Glu-tRNA(Gln).

Cellular Location

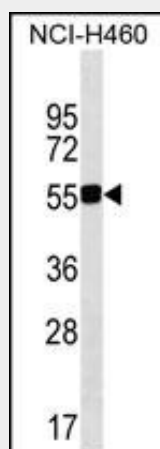
Mitochondrion {ECO:0000255|HAMAP-Rule:MF_03150, ECO:0000269|PubMed:19805282}

QRSL1 Antibody (N-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](#)

QRSL1 Antibody (N-term) - Images



QRSL1 Antibody (N-term) (Cat. #AP18236a) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the QRSL1 antibody detected the QRSL1 protein (arrow).

QRSL1 Antibody (N-term) - Background

The function of this protein remains unknown.

QRSL1 Antibody (N-term) - References

Nagao, A., et al. Proc. Natl. Acad. Sci. U.S.A. 106(38):16209-16214(2009)
Vieira, A.R., et al. Genet. Med. 10(9):668-674(2008)