QRSL1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	QRSL1, Polyclonal Antibody
Full Product Name	QRSL1, NT (QRSL1, Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial, Glutaminyl-tRNA synthase-like protein 1) (MaxLight 405)
Product Gene Name	anti-QRSL1 antibody
Product Synonym Names	QRSL1; Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial; Glutaminyl-tRNA synthase-like protein 1
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 MaxLight405.
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: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	57,460 Da
3D Structure	ModBase 3D Structure for Q9H0R6
Immunogen	QRSL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 128-156 amino acids from the N-terminal region of human QRSL1.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-QRSL1 antibody	Antibodies; Mitochondrial Proteins
Applications Tested/Suitable for anti-QRSL1 antibody	Western Blot (WB), FLISA
Application Notes for anti-QRSL1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-QRSL1 antibody	MaxLight405 is a new Violet photostable dye conjugate comparable to Alexa Fluor 405, PacificBlue, Brilliant Violet 421 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (400nm); Emission (423nm); Extinction Coefficient 32,000.
Product References and Citations for anti-QRSL1 antibody	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).
Other Notes	Small volumes of anti-QRSL1 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 QRSL1 purchase	MBS6339464 is an antibody targeting QRSL1. Also known as QRSL1, NT (QRSL1, Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial, Glutaminyl-tRNA synthase-like protein 1) (MaxLight 405). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for QRSL1. It may not necessarily be applicable to this product.

NCBI GI #	222831590
NCBI GeneID	55278
NCBI Accession #	NP_060762.3
UniProt Primary Accession #	Q9H0R6
UniProt Secondary Accession #	Q5VWJ4; Q9HA60; Q9NV19
UniProt Related Accession #	Q9H0R6
GenBank Nucleotide #	NM_018292.4
NCBI Official Full Name	glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial
NCBI Official Synonym Full Names	glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1
NCBI Official Symbol	QRSL1
NCBI Official Synonym Symbols	GatA
UniProt Protein Name	Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial
UniProt Synonym Protein Names	Glutaminyl-tRNA synthase-like protein 1
UniProt Gene Name	QRSL1
UniProt Synonym Gene Names	Glu-AdT subunit A
UniProt Entry Name	GATA_HUMAN
NCBI Protein Information	glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial; glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial; glu-AdT subunit A; glutaminyl-tRNA synthase-like protein 1; glutamyl-tRNA(Gln) amidotransferase, subunit A; glutamyl-tRNA(Gln) amid
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