

Rabbit anti-Human QRSL1 Polyclonal Antibody | anti-QRSL1 antibody

QRSL1 Antibody

CATALOG # AAA231950	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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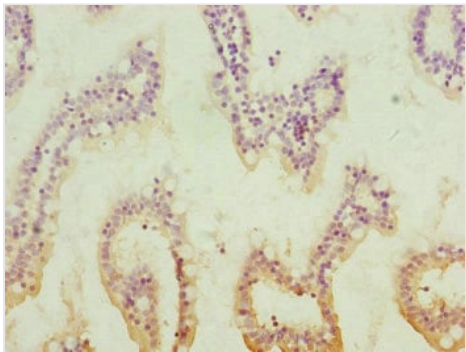
PRODUCT SYNONYMS

QRSL1; Polyclonal Antibody; QRSL1 Antibody; Glutamyl-tRNA(Gln) amidotransferase subunit A; mitochondrial; Glutamyl-tRNA synthase-like protein 1; anti-QRSL1 antibody

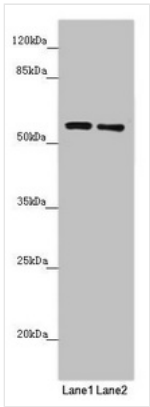
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	528
Applicable Applications for anti-QRSL1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Glutamyl-tRNA (Gln) amidotransferase subunit A, mitochondrial protein (C-240AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-169072
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA231950 at dilution of 1:100



WB (Western Blot)
Western blotAll lanes: QRSL1 antibody at 2.05 ug/mLane 1: Hela whole cell lysateLane 2: MCF7 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 58,33 kDaObserved band size: 57,54 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-QRSL1 antibody	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).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222831590
NCBI GeneID	55278
NCBI Accession #	NP_060762.3
NCBI GenBank Nucleotide #	NM_018292.4
UniProt Accession #	Q9H0R6; Q5VWJ4; Q9HA60; Q9NV19
Molecular Weight	32,374 Da
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
NCBI Protein Information	glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial
UniProt Protein Name	Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial
UniProt Gene Name	QRSL1
UniProt Synonym Gene Names	Glu-AdT subunit A
UniProt Entry Name	GATA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.