

Rabbit anti-Human Cytochrome b-c1 complex subunit 10 Polyclonal Antibody | anti-UQCR11 antibody

Rabbit anti- human Cytochrome b-c1 complex subunit 10 polyclonal Antibody, FITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA81433	Rabbit	Human	ELISA

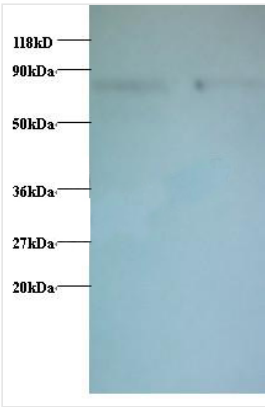
PRODUCT SYNONYMS

Cytochrome b-c1 complex subunit 10; Polyclonal Antibody; Rabbit anti- human Cytochrome b-c1 complex subunit 10 polyclonal Antibody; FITC; Cytochrome b-c1 complex subunit 10 (Complex III subunit 10) (Complex III subunit XI) (Ubiquinol-cytochrome c reductase complex 6.4 kDa protein); UQCR11; UQCR; anti-UQCR11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	56
Applicable Applications for anti-UQCR11 antibody	ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	FITC
Immunogen	Recombinant Human Cytochrome b-c1 complex subunit 10 protein (1-56AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Others
Target Names	UQCR11
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



WB (Western Blot)

Western blot All lanes: Cytochrome b-c1 complex subunit 10 antibody at at 2 /mLLane 1: EC109 whole cell lysateLane 2: 293T whole cell lysate SecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilution Predicted band size: 6.4kDa Observed band size: 80 kDa Why is the actual band size different from the predicted Western blotting is a technique that separates proteins based on size - in general, the smaller the protein the faster it migrates through the gel. However, migration is also affected by other factors and so the actual band size observed may differ from that predicted. Common factors include... · post-translational modification - e.g. phosphorylation, glycosylation etc which increases the size of the protein · post-translation cleavage - e.g. many proteins are synthesized as pro-proteins, and then cleaved to give the active form, e.g. pro-caspases · splice variants - alternative splicing may create different sized proteins from the same gene · relative charge - the composition of amino acids (charged vs non-charged) multimers - e.g. dimerisation of a protein. This is usually prevented in reducing conditions, although strong interactions can result in the appearance of higher bands

ADDITIONAL INFORMATION

Related Product Information for anti-UQCR11 antibody	This is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain. This protein may be closely linked to the iron-sulfur protein in the complex and function as an iron-sulfur protein binding factor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5803217
NCBI GeneID	10975
NCBI Accession #	NP_006821.1
NCBI GenBank Nucleotide #	NM_006830.3
UniProt Accession #	O14957; Q9UEA3; Q9UPK4; B2R542; D6W5Z4
NCBI Official Full Name	cytochrome b-c1 complex subunit 10
NCBI Official Synonym Full Names	ubiquinol-cytochrome c reductase, complex III subunit XI
NCBI Official Symbol	UQCR11
NCBI Official Synonym Symbols	UQCR; QCR10; 0710008D09Rik
NCBI Protein Information	cytochrome b-c1 complex subunit 10
UniProt Protein Name	Cytochrome b-c1 complex subunit 10
UniProt Gene Name	UQCR11
UniProt Synonym Gene Names	UQCR
UniProt Entry Name	QCR10_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-b-c1-complex-subunit-10-antibody-elisa/81433>