UQCR10 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UQCR10, Polyclonal Antibody
Full Product Name	UQCR10 Antibody
Product Gene Name	anti-UQCR10 antibody
Product Synonym Names	QCR9; UCRC; HSPC051; HSPC119; HSPC151; UCCR7.2
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen affinity purification
Specificity	The antibody detects endogenous levels of total UQCR10 protein.
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.
Molecular Weight	34.2 kDa
OMIM	610843
3D Structure	ModBase 3D Structure for Q9UDW1
Immunogen	Synthetic peptide of human UQCR10
Product Categories/Family for anti-UQCR10 antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-UQCR10 antibody	Immunohistochemistry (IHC)
Application Notes for anti-UQCR10 antibody	IF: 1: 20-100
Related Product Information for anti-UQCR10 antibody	UCRC is a subunit of mitochondrial complex III (ubiquinol-cytochrome c reductase; EC 1.10.2.2), which forms the middle segment of the respiratory chain of the inner mitochondrial membrane (Schagger et al., 1995 [PubMed 8592474])
Other Notes	Small volumes of anti-UQCR10 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 UQCR10 purchase	MBS8595741 is an antibody targeting UQCR10. Also known as UQCR10 Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UQCR10. It may not necessarily be applicable to this product.

NCBI GI #	51173876

NCBI GeneID	29796
NCBI Accession #	NP_001003684.1
UniProt Primary Accession #	Q9UDW1
UniProt Secondary Accession #	Q9T2V6; B5MCM5
UniProt Related Accession #	Q9UDW1
GenBank Nucleotide #	NM_001003684.1
NCBI Official Full Name	cytochrome b-c1 complex subunit 9 isoform b
NCBI Official Synonym Full Names	ubiquinol-cytochrome c reductase, complex III subunit X
NCBI Official Symbol	UQCR10
NCBI Official Synonym Symbols	QCR9; UCRC; HSPC051; HSPC119; HSPC151; UCCR7.2
UniProt Protein Name	Cytochrome b-c1 complex subunit 9
UniProt Synonym Protein Names	Complex III subunit 9; Complex III subunit X; Cytochrome c1 non-heme 7 kDa protein; Ubiquinol-cytochrome c reductase complex 7.2 kDa protein
UniProt Gene Name	UQCR10
UniProt Synonym Gene Names	UCRC
UniProt Entry Name	QCR9_HUMAN
NCBI Protein Information	cytochrome b-c1 complex subunit 9; cytochrome C1, nonheme 7kDa protein; cytochrome c1 non-heme 7 kDa protein; ubiquinol-cytochrome c reductase complex (7.2 kD); ubiquinol-cytochrome c reductase complex 7.2 kDa protein; ubiquinol-cytochrome c reductase, co
NCBI Summary for UQCR10	UCRC is a subunit of mitochondrial complex III (ubiquinol-cytochrome c reductase; EC 1.10.2.2), which forms the middle segment of the respiratory chain of the inner mitochondrial membrane (Schagger et al., 1995 [PubMed 8592474]).[supplied by OMIM, Mar 2008]
UniProt Comments for UQCR10	UCRC iso3: 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 subunit interacts with cytochrome c1. Belongs to the UQCR10/QCR9 family. The bc1 complex contains 11 subunits: 3 respiratory subunits (cytochrome b, cytochrome c1 and Rieske/UQCRFS1), 2 core proteins (UQCRC1/QCR1 and UQCRC2/QCR2) and 6 low-molecular weight proteins (UQCRH/QCR6, UQCRB/QCR7, UQCRQ/QCR8, UQCR10/QCR9, UQCR11/QCR10 and a cleavage product of Rieske/UQCRFS1). Protein type: Energy Metabolism - oxidative phosphorylation; Mitochondrial Chromosomal Location of Human Ortholog: 22q12.2 Cellular Component: mitochondrial inner membrane; mitochondrial respiratory chain complex III Molecular Function: ubiquinol-cytochrome-c reductase activity Biological Process: cellular metabolic process; mitochondrial electron transport, ubiquinol to cytochrome c
Research Articles on UQCR10	**1.** Strong candidate gene for mitochondrial disease, based on recessive mutations detected in infantile patients
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/uqcr10/8595741