

Anti-UQCRQ Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17929**Specification**

Anti-UQCRQ Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	O14949
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	9906

Anti-UQCRQ Antibody - Additional Information**Gene ID** 27089

Alias Symbol	UQCRQ
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Other Names
UQCRQ, Complex III subunit VIII, Complex III subunit 8, QP-C, QCR8, UQCR7, QPC

Reconstitution & Storage

Caprylic acid and ammonium sulfate precipitation

Precautions

Anti-UQCRQ Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-UQCRQ Antibody - Protein Information**Name** UQCRQ**Function**

Component of the ubiquinol-cytochrome c oxidoreductase, a multisubunit transmembrane complex that is part of the mitochondrial electron transport chain which drives oxidative phosphorylation. The respiratory chain contains 3 multisubunit complexes succinate dehydrogenase (complex II, CII), ubiquinol-cytochrome c oxidoreductase (cytochrome b-c1 complex, complex III, CIII) and cytochrome c oxidase (complex IV, CIV), that cooperate to transfer electrons derived from NADH and succinate to molecular oxygen, creating an electrochemical gradient over the inner membrane that drives transmembrane transport and the ATP synthase. The cytochrome b-c1 complex catalyzes electron transfer from ubiquinol to cytochrome c, linking this redox reaction to translocation of protons across the mitochondrial inner membrane, with protons being carried across the membrane as hydrogens on the quinol. In the process called Q cycle, 2 protons are consumed from the matrix, 4 protons are released into the intermembrane space and 2 electrons are passed to cytochrome c.

Cellular Location

Mitochondrion inner membrane {ECO:0000250|UniProtKB:P08525}; Single-pass membrane protein {ECO:0000250|UniProtKB:P08525}

Anti-UQCRQ Antibody - 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](#)

Anti-UQCRQ Antibody - Images