



Rabbit Anti-UCRC antibody

SL14173R

Product Name:	UCRC
Chinese Name:	辅酶细胞色素C还原复合酶抗体
Alias:	Cytochrome b-c1 complex subunit 9; HSPC051; HSPC119; QCR9_HUMAN; HSPC151; Ubiquinol cytochrome c reductase complex; UCRC; UQCR10.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	7kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human UCRC:2-63/63
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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] Function:

UCRB is a subunit of mitochondrial complex III (cytochrome c reductase; EC 1.10.2.2), which forms the middle segment of the respiratory chain of the inner mitochondrial membrane.

Subunit:

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).

Subcellular Location:

Mitochondrial; Mitochondrion inner membrane

Similarity:

Belongs to the UQCR10/QCR9 family.

SWISS:

Q9UDW1

Gene ID:

29796

Database links:

[Entrez Gene: 29796](#) Human

[Entrez Gene: 616109](#) Cow

[Entrez Gene: UCRC](#) Mouse

[Entrez Gene: 100155687](#) Pig

[Oimim: 610843](#) Human

[SwissProt: Q9UDW1](#) Human

[SwissProt: Q8R1I1](#) Mouse

[Unigene: 284292](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.