SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-UCRC antibody

Catalog Number: SL14173R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	UCRC
Immunogen:	KLH conjugated synthetic peptide derived from human UCRC: 2-63/63
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Cow, Rabbit, Sheep)
Predicted MW.:	7kDa
Subcellular Location:	cytoplasmic
Background:	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,

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	UQCR11/QCR10 and a cleavage product of Rieske/UQCRFS1). **Subcellular Location:** Mitochondrial; Mitochondrion inner membrane **Similarity:** Belongs to the UQCR10/QCR9 family. **Database links:** **Entrez Gene:** 29796 Human **Entrez Gene:** 616109 Cow **Entrez Gene:** UCRC Mouse **Entrez Gene:** 100155687 Pig Omim: 610843 Human **SwissProt:** Q9UDW1 Human **SwissProt:** Q8R1I1 Mouse **Unigene:** 284292 Human

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