

Rabbit UQCRC2 Polyclonal Antibody | anti-UQCRC2 antibody

UQCRC2 Antibody

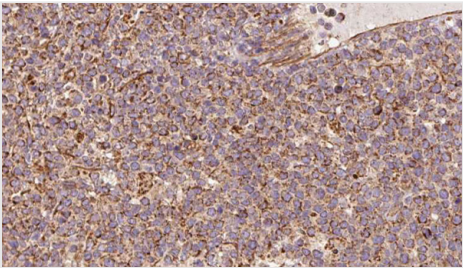
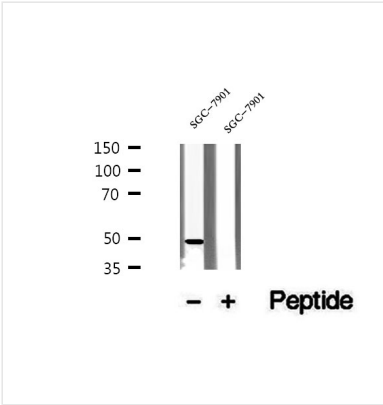
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323163	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

UQCRC2; Polyclonal Antibody; UQCRC2 Antibody; Complex III subunit 2; Core protein II; Cytochrome b c1 complex subunit 2 mitochondrial; Cytochrome b-c1 complex subunit 2; EC 1.10.2.2; MC3DN5; mitochondrial; QCR2; QCR2_HUMAN; Ubiquinol cytochrome c reductase complex core protein 2 mitochondrial; Ubiquinol cytochrome c reductase core protein II; Ubiquinol-cytochrome-c reductase complex core protein 2; UQCRC2; Uqcr2; anti-UQCRC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	UQCRC2 antibody detects endogenous levels of UQCRC2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	453
Applicable Applications for anti-UQCRC2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human UQCRC2.
Subcellular Location	Mitochondrion Inner Membrane.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Chicken (83%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



IHC (Immunohistochemistry)
AAA323163 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of SGC-7901 cells, using UQCRC2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-UQCRC2 antibody	Function: 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. The core protein 2 is required for the assembly of the complex. Subunit Structure: The bc1 complex contains 11 subunits: 3 respiratory subunits (cytochrome b, cytochrome c1 and Rieske/UQCRC1/QCR1), 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/UQCRC1/QCR1). Similarity: Belongs to the peptidase M16 family. UQCRC2/QCR2 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50592988
NCBI GeneID	7385
NCBI Accession #	NP_003357.2
NCBI GenBank Nucleotide #	NM_003366.3
UniProt Accession #	P22695; Q9BQ05; B3KSN4
Molecular Weight	Observed: 48 kDa Predicted: 49 kDa
NCBI Official Full Name	cytochrome b-c1 complex subunit 2, mitochondrial
NCBI Official Synonym Full Names	ubiquinol-cytochrome c reductase core protein 2
NCBI Official Symbol	UQCRC2
NCBI Official Synonym Symbols	QCR2; UQCR2; MC3DN5
NCBI Protein Information	cytochrome b-c1 complex subunit 2, mitochondrial
UniProt Protein Name	Cytochrome b-c1 complex subunit 2, mitochondrial
UniProt Gene Name	UQCRC2

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.