

Rabbit UQCRC1 Polyclonal Antibody | anti-UQCRC1 antibody

UQCRC1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323162	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

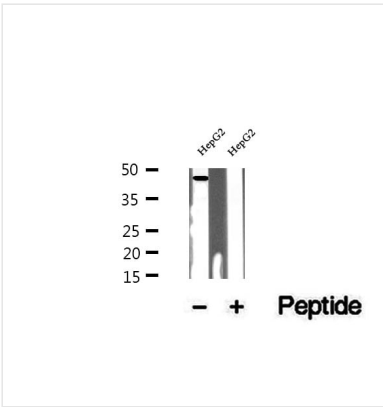
PRODUCT SYNONYMS

UQCRC1; Polyclonal Antibody; UQCRC1 Antibody; Complex III subunit 1; Core protein I; Cytochrome b-c1 complex subunit 1; cytochrome b-c1 complex subunit 1; mitochondrial; D3S3191; OTTHUMP00000164820; QCR1; QCR1_HUMAN; Ubiquinol cytochrome c reductase complex core protein 1; ubiquinol-cytochrome c reductase core protein I; Ubiquinol-cytochrome-c reductase complex core protein 1; UQCRC1; Uqrcr1; anti-UQCRC1 antibody

PRODUCT SPECIFICATIONS

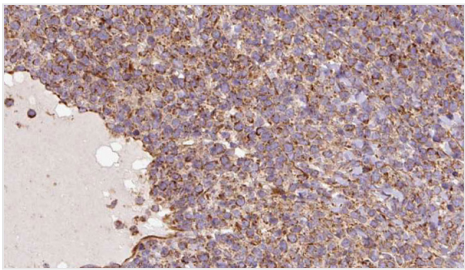
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	UQCRC1 antibody detects endogenous levels of UQCRC1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	480
Applicable Applications for anti-UQCRC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human UQCRC1.
Subcellular Location	Mitochondrion Inner Membrane.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



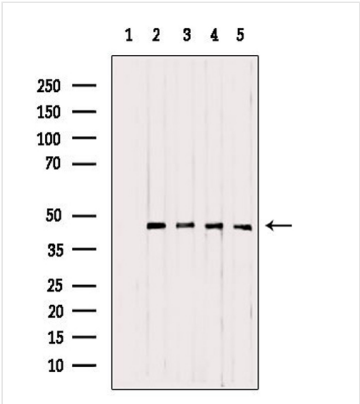
WB (Western Blot)

Western blot analysis of extracts of HepG2 cells, using UQCRC1 antibody.



IHC (Immunohistochemistry)

AAA323162 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 from various samples, using UQCRC1 antibody. Lane 1: rat brain treated with blocking peptide. Lane 2: Rat brain; Lane 3: 293; Lane 4: Mouse myeloma; Lane 5: B16F10;

ADDITIONAL INFORMATION

Related Product Information for anti-UQCRC1 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. This protein may mediate formation of the complex between cytochromes c and c1. Subunit Structure: 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). Similarity: Belongs to the peptidase M16 family. UQCRC1/QCR1 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46593007
NCBI GeneID	7384
NCBI Accession #	NP_003356.2
NCBI GenBank Nucleotide #	NM_003365.2
UniProt Accession #	P31930; Q96DD2; B2R7R8
Molecular Weight	Observed: 45 kDa Predicted: 53 kDa

NCBI Official Full Name	cytochrome b-c1 complex subunit 1, mitochondrial
NCBI Official Synonym Full Names	ubiquinol-cytochrome c reductase core protein 1
NCBI Official Symbol	UQCRC1
NCBI Official Synonym Symbols	QCR1; UQCR1; D3S3191
NCBI Protein Information	cytochrome b-c1 complex subunit 1, mitochondrial
UniProt Protein Name	Cytochrome b-c1 complex subunit 1, mitochondrial
UniProt Gene Name	UQCRC1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uqcrc1-antibody-immunohistochemistry-western-blot-elisa/323162>