

Rabbit anti-Human UQCRB Polyclonal Antibody | anti-UQCRB antibody

UQCRB Antibody (Center)

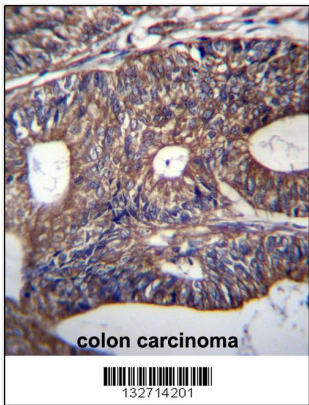
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285624	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

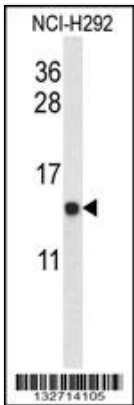
UQCRB; Polyclonal Antibody; UQCRB Antibody (Center); Cytochrome b-c1 complex subunit 7; Complex III subunit 7; Complex III subunit VII; QP-C; Ubiquinol-cytochrome c reductase complex 14 kDa protein; UQBP; anti-UQCRB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UQCRB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-47 amino acids from the Central region of human UQCRB.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	19-47
Sequence Length	140
Applicable Applications for anti-UQCRB antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
UQCRB Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of UQCRB Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
UQCRB Antibody (Center) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the UQCRB antibody detected the UQCRB protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-UQCRB antibody	This gene encodes a protein which is part of the ubiquinol-cytochrome c oxidoreductase complex which contains ten nuclear-encoded and one mitochondrial-encoded subunits. The encoded protein binds ubiquinone and participates in the transfer of electrons when ubiquinone is bound. Mutations in this gene are associated with mitochondrial complex III deficiency. A pseudogene has been described on the X chromosome.
Product Categories/Family for anti-UQCRB antibody	Cardiovascular; Cell Biology; Metabolism; Signal Transduction
References	Wang, L., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3558-3566(2008) Haut, S., et al. Hum. Genet. 113(2):118-122(2003) Malaney, S., et al. Cytogenet. Cell Genet. 73(4):297-299(1996) Suzuki, H., et al. J. Biol. Chem. 265(14):8159-8163(1990) Hosokawa, Y., et al. Biochem. Int. 21(1):41-44(1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	316983136
NCBI GeneID	7381
NCBI Accession #	NP_001186904.1; NP_001241681.1; NP_006285.1
NCBI GenBank Nucleotide #	NM_001199975.2
UniProt Accession #	P14927; Q6FGD1; E5RJU0
Molecular Weight	13530
NCBI Official Full Name	cytochrome b-c1 complex subunit 7 isoform 2
NCBI Official Synonym Full Names	ubiquinol-cytochrome c reductase binding protein
NCBI Official Symbol	UQCRB
NCBI Official Synonym Symbols	QPC; QCR7; QP-C; UQBC; UQBP; UQPC; UQCR6; MC3DN3
NCBI Protein Information	cytochrome b-c1 complex subunit 7
UniProt Protein Name	Cytochrome b-c1 complex subunit 7

UniProt Gene Name	UQCRB
UniProt Synonym Gene Names	UQBP
UniProt Entry Name	QCR7_HUMAN

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://www.aaabiotech.com/polyclonal/uqcrb-antibody-immunohistochemistry-western-blot-elisa/285624>