

Rabbit UQCRFS1 Polyclonal Antibody | anti-UQCRFS1 antibody

UQCRFS1 Antibody (C-term)

CATALOG # AAA285290	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Chicken, Mouse)	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

UQCRFS1; Polyclonal Antibody; UQCRFS1 Antibody (C-term); Cytochrome b-c1 complex subunit Rieske; mitochondrial; Complex III subunit 5; Cytochrome b-c1 complex subunit 5; Rieske iron-sulfur protein; RISP; Ubiquinol-cytochrome c reductase iron-sulfur subunit; Cytochrome b-c1 complex subunit 11; Complex III subunit IX; Ubiquinol-cytochrome c reductase 8 kDa protein; anti-UQCRFS1 antibody

PRODUCT SPECIFICATIONS

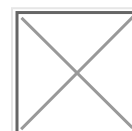
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This UQCRFS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 181-209 amino acids from the C-terminal region of human UQCRFS1.
Purity/Purification	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	181-209
Sequence Length	274
Applicable Applications for anti-UQCRFS1 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), 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.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of UQCRFS1 Antibody (C-term) with HeLa cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).

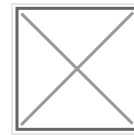


FCM/FACS (Flow Cytometry)

UQCRFS1 Antibody (C-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**IHC (Immunohistochemistry)**

UQCRFS1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of UQCRFS1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

**WB (Western Blot)**

UQCRFS1 Antibody (C-term) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the UQCRFS1 antibody detected the UQCRFS1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-UQCRFS1 antibody	Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis. The transit peptide of the Rieske protein seems to form part of the bc1 complex and is considered to be the subunit 11/IX of that complex (By similarity).
Product Categories/Family for anti-UQCRFS1 antibody	Cancer ; Cell Biology ; Metabolism ; Neuroscience
References	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Wang, L., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3558-3566(2008) Lamesch, P., et al. Genomics 89(3):307-315(2007) Grimwood, J., et al. Nature 428(6982):529-535(2004) Ohashi, Y., et al. Gynecol. Oncol. 93(1):54-58(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	163644321
NCBI GeneID	7386
NCBI Accession #	NP_005994.2
NCBI GenBank Nucleotide #	NM_006003.2
UniProt Accession #	P47985 ; Q6NVX5 ; Q9UPH2 ; A8K519
Molecular Weight	29668
NCBI Official Full Name	cytochrome b-c1 complex subunit Rieske, mitochondrial
NCBI Official Synonym Full Names	ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1
NCBI Official Symbol	UQCRFS1
NCBI Official Synonym Symbols	RIP1; RIS1; RISP; UQCR5
NCBI Protein Information	cytochrome b-c1 complex subunit Rieske, mitochondrial
UniProt Protein Name	Cytochrome b-c1 complex subunit Rieske, mitochondrial
UniProt Gene Name	UQCRFS1
UniProt Synonym Gene Names	RISP
UniProt Entry Name	UCRI_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://stage.aaabiotech.com/polyclonal/uqcrfs1-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/285290>