

ARG54994 anti-UQCRB antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes UQCRB
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	UQCRB
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 19-47 (Center) of Human UQCRB.
Conjugation	Un-conjugated
Alternate Names	Complex III subunit VII; Complex III subunit 7; UQCR6; UQPC; QP-C; UQBP; Cytochrome b-c1 complex subunit 7; Ubiquinol-cytochrome c reductase complex 14 kDa protein; QCR7; QPC; MC3DN3; UQBC

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	NCI-H292	

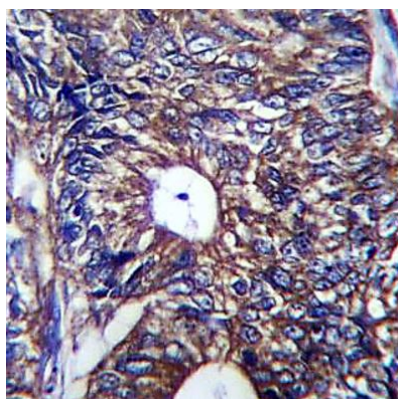
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

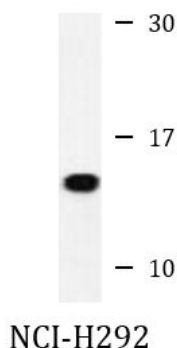
Database links	GeneID: 7381 Human Swiss-port # P14927 Human
Gene Symbol	UQCRB
Gene Full Name	ubiquinol-cytochrome c reductase binding protein
Background	This gene encodes a subunit of the ubiquinol-cytochrome c oxidoreductase complex, which consists of one mitochondrial-encoded and 10 nuclear-encoded subunits. The protein encoded by this gene binds ubiquinone and participates in the transfer of electrons when ubiquinone is bound. This protein plays an important role in hypoxia-induced angiogenesis through mitochondrial reactive oxygen species-mediated signaling. Mutations in this gene are associated with mitochondrial complex III deficiency. Alternatively spliced transcript variants have been found for this gene. Related pseudogenes have been identified on chromosomes 1, 5 and X. [provided by RefSeq, Dec 2011]
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 component is involved in redox-linked proton pumping. [UniProt]
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	14 kDa
Cellular Localization	Mitochondrion inner membrane.

Images



ARG54994 anti-UQCRB antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human colon carcinoma stained with ARG54994 anti-UQCRB antibody.



ARG54994 anti-UQCRB antibody WB image

Western blot: 35 µg of NCI-H292 cell lysate stained with ARG54994 anti-UQCRB antibody.