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Datasheet for ABIN955465

anti-UQCRB antibody (Middle Region)

2 Images

Overview

Quantity:	0.4 mL
Target:	UQCRB
Binding Specificity:	AA 18-47, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UQCRB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 18-47 amino acids from the Central region of human UQCRB
Isotype:	Ig Fraction
Specificity:	This antibody detects UQCRB (Center).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	UQCRB
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Target Details

Alternative Name: UQCRB ([UQCRB Products](#))

Background: 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. Synonyms: Complex III subunit 7, Complex III subunit VII, Cytochrome b-c1 complex subunit 7, QP-C, UQBP, Ubiquinol-cytochrome c reductase complex 14 kDa protein

Gene ID: 7381

NCBI Accession: [NP_001186904](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

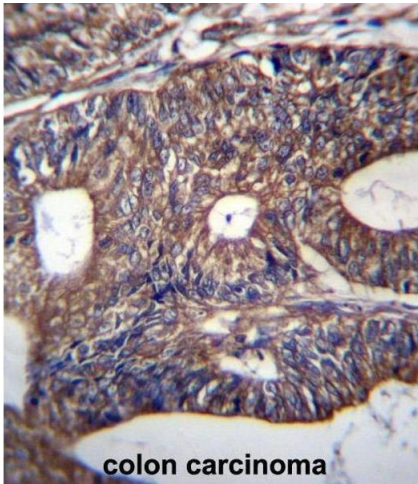
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

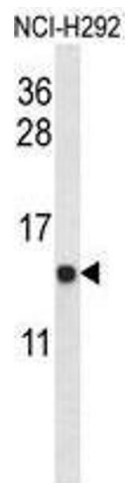
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.



Western Blotting

Image 2. UQCRB Antibody (Center) western blot analysis in NCI-H292 cell line lysates (35 µg/lane). This demonstrates the UQCRB antibody detected the UQCRB protein (arrow).