

Datasheet for ABIN2781872  
**anti-UQCR10 antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	UQCR10
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UQCR10 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human UCRC
Sequence:	LFRRSTFAL TIIVGVMFFE RAFDQGADAI YDHINEGKLW KHIKHKYENK
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 86%, Human: 100%, Mouse: 93%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against UCRC. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	UQCR10
Alternative Name:	UCRC ( <a href="#">UQCR10 Products</a> )

## Target Details

Background:	UCRC is a subunit of mitochondrial complex III (ubiquinol-cytochrome c reductase, EC 1.10.2.2), which forms the middle segment of the respiratory chain of the inner mitochondrial membrane. UCRC is a subunit of mitochondrial complex III (ubiquinol-cytochrome c reductase, EC 1.10.2.2), which forms the middle segment of the respiratory chain of the inner mitochondrial membrane (Schagger et al., 1995 [PubMed 8592474]). [supplied by OMIM]. Alias Symbols: HSPC051, HSPC119, HSPC151, QCR9, UCRC, UCCR7.2 Protein Interaction Partner: CYSTM1, RAB11A, HNRNPM, MOV10, UBC, UQCR11, UQCRFS1, UQCRC1, Protein Size: 63
Molecular Weight:	7 kDa
Gene ID:	29796
NCBI Accession:	<a href="#">NM_013387</a> , <a href="#">NP_037519</a>
UniProt:	<a href="#">Q9UDW1</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 63 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

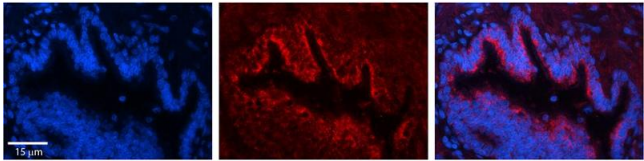
aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** WB Suggested Anti-UCRC Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: MCF7 cell lysate UQCR10 is supported by BioGPS gene expression data to be expressed in MCF7



Immunohistochemistry

**Image 2.** Rabbit Anti-UQCR10 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec