

## UQCRB Polyclonal Antibody

Catalog number: 10756-1-AP

Size: 45 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

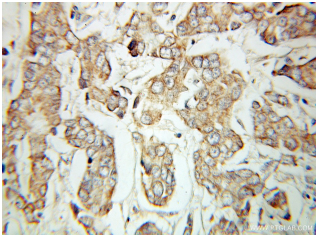
UQCRB; Complex III subunit 7,

Complex III subunit VII,

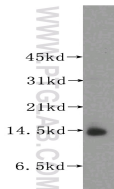
FLJ92016, FLJ97033, QCR7, QP

C, QPC, UQBC, UQBP, UQCRB,

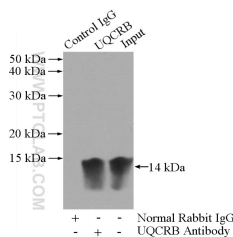
UQPC



Immunohistochemical of paraffin-embedded human breast cancer using 10756-1-AP (UQCRB antibody) at dilution of 1:100 (under 10x lens)



human heart tissue were subjected to SDS PAGE followed by western blot with 10756-1-AP (UQCRB antibody) at dilution of 1:400



IP Result of anti-UQCRB (IP:10756-1-AP, 3µg; Detection:10756-1-AP 1:600) with mouse heart tissue lysate 3200µg.

### Background

UQCRB (ubiquinol-cytochrome c reductase binding protein) is also named as UQBP, complex III subunit VII and belongs to the UQCRB/QCR7 family. It is a 13.4 kDa subunit of mitochondrial complex III, plays a crucial role in hypoxia-induced angiogenesis via mitochondrial reactive oxygen species (ROS)-mediated signaling (PMID:21215626). This protein has 2 isoforms produced by alternative splicing.

### Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated UQCRB MW:	14 kDa
Observed UQCRB MW:	14 kDa
Positive WB detected in	Human heart tissue, HeLa cells
Positive IP detected in	Mouse heart tissue
Positive IHC detected in	Human breast cancer tissue, human kidney tissue
Recommended dilution:	WB: 1:200-1:1000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag1127
GenBank accession number:	BC005230
Gene ID (NCBI):	7381
Full name:	Ubiquinol-cytochrome c reductase binding protein

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.