

For Research Use Only

# UQCRC2 Recombinant antibody

Catalog Number: 83667-2-RR



## Basic Information

<b>Catalog Number:</b> 83667-2-RR	<b>GenBank Accession Number:</b> BC000484	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 7385	<b>CloneNo.:</b> 240454D9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P22695	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquinol-cytochrome c reductase core protein II	
<b>Immunogen Catalog Number:</b> AG6432	<b>Calculated MW:</b> 48 kDa	
	<b>Observed MW:</b> 48 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, HEK-293 cells, Jurkat cells, HeLa cells
<b>Species Specificity:</b> Human	

## Background Information

UQCRC2 (Ubiquinol-cytochrome-c reductase complex core protein 2) is also named as complex III subunit 2, core protein II and belongs to the UQCRC2/QCR2 subfamily. The bc1 complex contains 11 subunits: 3 respiratory subunits (cytochrome b, cytochrome c1 and Rieske/UQCRFS1), 2 core proteins (UQCRC1/QCR1 and UQCRC2/QCR2) and 6 low-molecular weight proteins (UQCRH/QCR6, UQCRB/QCR7, UQCRCQ/QCR8, UQCR10/QCR9, UQCR11/QCR10 and a cleavage product of Rieske/UQCRFS1) and is part of the mitochondrial respiratory chain. This protein distributes in mitochondrion inner membrane, peripheral membrane protein and matrix side.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

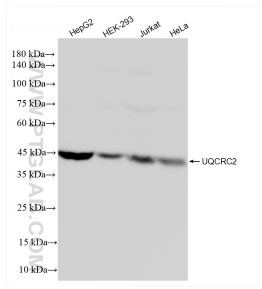
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83667-2-RR (UQCRC2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.