

For Research Use Only

# UQCRC1 Recombinant antibody

Catalog Number: 83671-2-RR



## Basic Information

<b>Catalog Number:</b> 83671-2-RR	<b>GenBank Accession Number:</b> BC009586	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 7384	<b>CloneNo.:</b> 240507A6
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P31930	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> ubiquinol-cytochrome c reductase core protein I	
<b>Immunogen Catalog Number:</b> AG16322	<b>Calculated MW:</b> 480 aa, 53 kDa	
	<b>Observed MW:</b> 45 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, mouse, rat

### Positive Controls:

**WB:** HeLa cells, L02 cells, HepG2 cells, mouse brain tissue, mouse liver tissue, rat brain tissue, rat liver tissue

## Background Information

UQCRC1 (Cytochrome b-c1 complex subunit 1, mitochondrial), also named as QCR1 and UQCR1, is a subunit of the cytochrome bc1 complex (complex III) of the mitochondrial respiratory chain, may mediate the formation of the complex between cytochromes c and c1. The gene encodes a 53 kDa protein with a 34 amino acids transit peptide. It is associated with apoptosis or inhibition of cancer cell growth.

## 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:

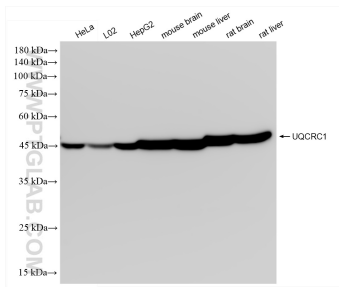
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83671-2-RR (UQCRC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.