

Biotin-conjugated UQCQRQ Recombinant monoclonal antibody

Catalog Number: Biotin-87199

Basic Information

Catalog Number: Biotin-87199	GenBank Accession Number: BC001390	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 27089	CloneNo.: 252364C10
Isotype: IgG	UNIPROT ID: O14949	Recommended Dilutions: IHC: 1:50-1:500
Immunogen Catalog Number: AG6907	Full Name: ubiquinol-cytochrome c reductase, complex III subunit VII, 9.5kDa	
	Calculated MW: 10 kDa	
	Observed MW: 10 kDa	

Applications

Tested Applications: IHC	Positive Controls: IHC : mouse heart tissue,
Species Specificity: human, mouse, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

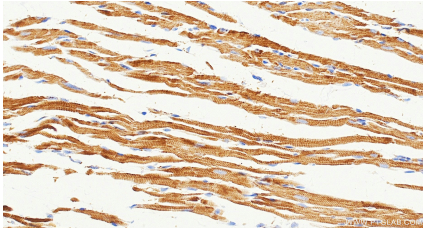
Background Information

UQCQRQ(Cytochrome b-c1 complex subunit 8) belongs to the UQCQRQ/QCR8 family. UQCQRQ is a ubiquinone-binding protein localized to the cytochrome bc1 region of the mitochondrial respiratory chain. The deduced 110-amino acid protein has a relatively hydrophobic and basic N-terminal region, an aspartic acid-rich middle region, and a glutamic acid- and lysine-rich C-terminal region.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using Biotin-87199 (UQCRCQ antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).