



QCR8 rabbit pAb

Catalog No	YP-Ab-11284
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	IHC; IF
Gene Name	UQCRQ
Immunogen	Synthesized peptide derived from human QCR8 AA range: 2-52
Specificity	This antibody detects endogenous levels of QCR8 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1:50-200. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Complex III subunit 8; Complex III subunit VIII; Cytochrome b-c1 complex subunit 8; QCR8; QP C; UQCRQ
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Mitochondrion inner membrane ; Single-pass membrane protein .
Tissue Specificity	
Function	disease: Defects in UQCRQ are a cause of mitochondrial complex III deficiency (CIII deficiency) [MIM:124000]. Affected individuals display severe psychomotor retardation and extrapyramidal signs. Neurologic features include dystonia, athetoid movements, ataxia, mild axial hypotonia, increased tone, hyperreflexia, and inability to walk unsupported. Serum lactate is mildly elevated and muscle biopsies show a reduction in mitochondrial complex III activity. function: This is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain. This subunit, together with cytochrome b, binds to ubiquinone. similarity: Belongs to the UQCRQ/QCR8 family. subunit: The bc1 complex contains 11 subunits: 3 respiratory subunits (cytochrome b, cytochrome c1 and Rieske/UQCRFS1), 2 core proteins (UQCRC1/QCR1 and UQCRC2/QC



Background

This gene encodes a ubiquinone-binding protein of low molecular mass. This protein is a small core-associated protein and a subunit of ubiquinol-cytochrome c reductase complex III, which is part of the mitochondrial respiratory chain. [provided by RefSeq, Jul 2008],

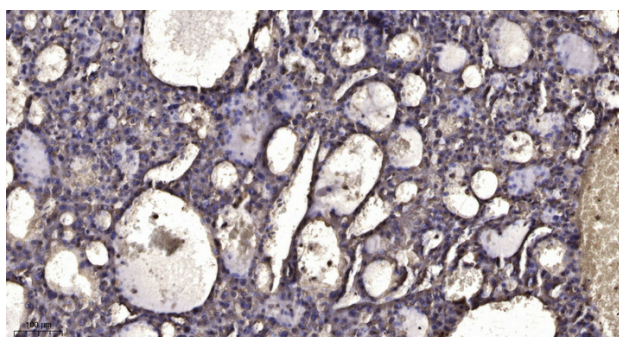
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).