



Cytochrome c1 Monoclonal Antibody

Catalog No	YP-mAb-00366
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CYC1
Immunogen	The antiserum was produced against synthesized peptide derived from human CYC1. AA range:132-181
Specificity	Cytochrome c1 Monoclonal Antibody detects endogenous levels of Cytochrome c1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Complex III subunit 4;Complex III subunit IV;CYC1;cytochrome c 1;UQCR4; Cytochrome c1;Cytochrome c1 heme protein mitochondrial;heme protein; mitochondrial;Cytochrome b-c1 complex subunit 4;Ubiquinol-cytochrome-c reductase complex cytochrome c1 subunit;Cytochrome c-1; mitochondrial
Observed Band	35kD
Calculated Molecular Weight	35kD
Cell Pathway	Mitochondrion inner membrane ; Single-pass membrane protein .
Tissue Specificity	Brain,Kidney,Lung,Skin,
Function	function:This is the heme-containing component of the cytochrome b-c1 complex, which accepts electrons from Rieske protein and transfers electrons to cytochrome c in the mitochondrial respiratory chain.,PTM:binds 1 heme group per subunit.,similarity:Belongs to the cytochrome c family.,subunit:The bc1 complex contains 11 subunits: 3 respiratory subunits (cytochrome b, cytochrome c1 and Rieske/UQCRC1), 2 core proteins (UQCRC1/QCR1 and UQCRC2/QCR2) and 6 low-molecular weight proteins (UQCRH/QCR6, UQCRB/QCR7, UQCRQ/QCR8, UQCR10/QCR9, UQCR11/QCR10 and a cleavage product of



Rieske/UQCRFS1).

Background

This gene encodes a subunit of the cytochrome bc1 complex, which plays an important role in the mitochondrial respiratory chain by transferring electrons from the Rieske iron-sulfur protein to cytochrome c. Mutations in this gene may cause mitochondrial complex III deficiency, nuclear type 6. [provided by RefSeq, Dec 2013],

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

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Western Blot analysis of various cells using Cytochrome c1 Monoclonal Antibody

