Best Tools for immunology Research

UQCRC2 rabbit pAb

Catalog No :	YN5745
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	UQCRC2
Gene Name :	UQCRC2
Protein Name :	Cytochrome b-c1 complex subunit 2, mitochondrial (Complex III subunit 2) (Core protein II) (Ubiquinol-cytochrome-c reductase complex core protein 2)
Human Gene Id :	7385
Human Swiss Prot No :	P22695
Mouse Gene Id :	67003
Mouse Swiss Prot No :	Q9DB77
Rat Gene Id :	293448
Rat Swiss Prot No :	P32551
Immunogen :	Synthesized peptide derived from human UQCRC2
Specificity :	This antibody detects endogenous levels of UQCRC2 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	50kD
Function :	Component of the ubiquinol-cytochrome c oxidoreductase, a multisubunit transmembrane complex that is part of the mitochondrial electron transport chain which drives oxidative phosphorylation. The respiratory chain contains 3 multisubunit complexes succinate dehydrogenase (complex II, CII), ubiquinol-cytochrome c oxidoreductase (cytochrome b-c1 complex, complex III, CIII) and cytochrome c oxidase (complex IV, CIV), that cooperate to transfer electrons derived from NADH and succinate to molecular oxygen, creating an electrochemical gradient over the inner membrane that drives transmembrane transport and the ATP synthase. The cytochrome b-c1 complex catalyzes electron transfer from ubiquinol to cytochrome c, linking this redox reaction to translocation of protons across the mitochondrial inner membrane, with protons being carried across the membrane as hydrogens on the quinol. In the proce
Subcellular Location :	Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side .

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