

## UQCRC2 rabbit pAb

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

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**Subcellular Location :** Mitochondrion inner membrane ; Peripheral membrane protein ; Matrix side .

## Products Images