

## UQCRC2 polyclonal antibody

Catalog: BS91405

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Cytochrome c is a well characterized, mobile electron transport protein that is essential to energy conversion in all aerobic organisms. Cytochrome b associates with cytochrome c subunit 1 and the Rieske protein to form complex III (also designated cytochrome bc<sub>1</sub> complex), which is involved in cellular respiration. Ubiquinol cytochrome c reductase (UQCRFS1), also referred to as Rieske iron-sulfur protein, represents an important subunit of complex III of the mitochondrial respiratory chain that transfers electrons from ubiquinol to cytochrome c. The UQCRFS1 complex is made up of 3 respiratory subunits (cytochrome b, cytochrome c<sub>1</sub>, Rieske protein), 2 core proteins, and 6 low-molecular weight proteins. Ubiquinol cytochrome-c reductase complex core protein 2 (UQCRC2) represents one of the core proteins of UQCRFS1, and it is required for the assembly of the complex.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

48 kDa

### Swiss-Prot:

P22695(Human) Q9DB77(Mouse) P32551(Rat)

### Purification&Purity:

Protein affinity purified.

### Applications:

WB:1:1,000-2,000

ICC:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

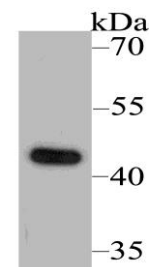
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

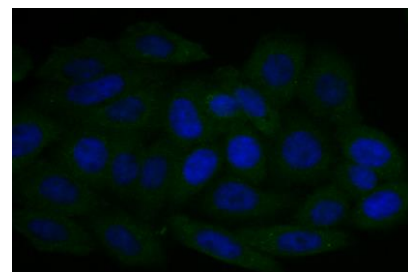
### Specificity:

UQCRC2 polyclonal antibody detects endogenous levels of UQCRC2 protein.

### DATA:



Western blot analysis of UQCRC2 on rat heart tissue lysate using anti-UQCRC2 antibody at 1/5,000 dilution.



ICC staining UQCRC2 in HepG2 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS. DAPI was used to stain the cell nuclei (blue).

### Note:

For research use only, not for use in diagnostic procedure.

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