

UQCRFS1 Rabbit mAb

Catalog No.: A9517 **Recombinant**

Basic Information

Observed MW

22kDa

Calculated MW

30kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1612

Background

Predicted to enable oxidoreductase activity. Involved in mitochondrial respiratory chain complex III assembly and respiratory electron transport chain. Located in mitochondrion. Part of mitochondrial respiratory chain complex III and mitochondrial respiratory chain complex IV. Implicated in mitochondrial complex III deficiency.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

7386

Swiss Prot

P47985

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 175-274 of human UQCRFS1 (P47985).

Synonyms

RIP1; RIS1; RISP; UQCR5; MC3DN10; UQCRFS1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

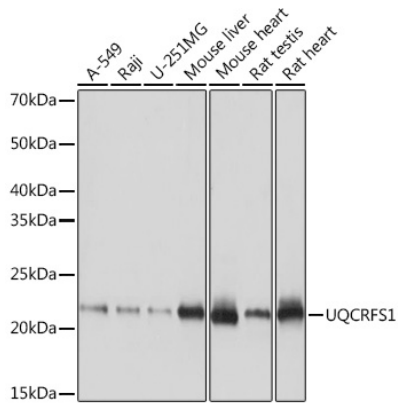
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using UQCRFS1 Rabbit mAb (A9517) at 1:1000 dilution.

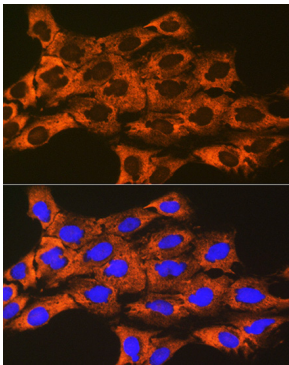
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

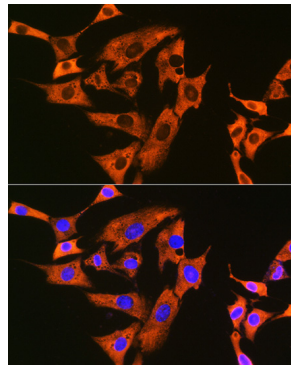
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

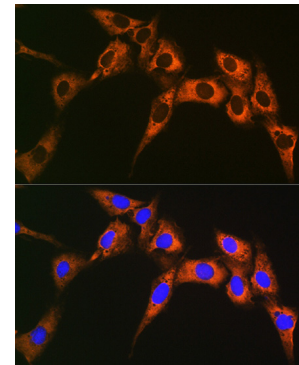
Exposure time: 1s.



Immunofluorescence analysis of C6 cells using UQCRFS1 Rabbit mAb (A9517) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using UQCRFS1 Rabbit mAb (A9517) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using UQCRFS1 Rabbit mAb (A9517) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.