

For Research Use Only

UQCRFS1 Recombinant monoclonal antibody

Catalog Number: 88500-1-RR



Basic Information

Catalog Number:

88500-1-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13315

GenBank Accession Number:

BC010035

GeneID (NCBI):

7386

UNIPROT ID:

P47985

Full Name:

ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1

Calculated MW:

30 kDa

Observed MW:

25 kDa

Purification Method:

Protein A purification

CloneNo.:

261156A1

Recommended Dilutions:

WB: 1:5000-1:50000

IP: 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IF/ICC: 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: HeLa cells, MCF-7 cells, A2780 cells, mouse heart tissue, rat heart tissue, human heart tissue, human placenta

IP: HeLa cells,

IF/ICC: MCF-7 cells,

Background Information

The ubiquinol cytochrome c reductase UQCRFS1 is a key subunit of the cytochrome bc1 complex (complex III) of the mitochondrial respiratory chain. The UQCRFS1 gene encode a 30 kDa protein with a transit peptide and it appears to be involved in development of more aggressive phenotype of breast cancer(PMID:15047214). UQCRFS1 is also named as RISP, complex III subunit 5, cytochrome b-c1 complex subunit 5 and rieske iron-sulfur protein.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

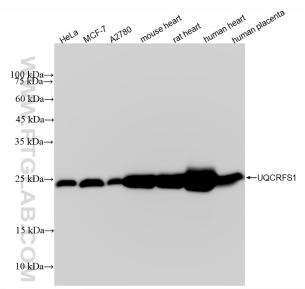
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

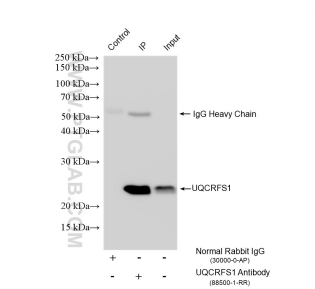
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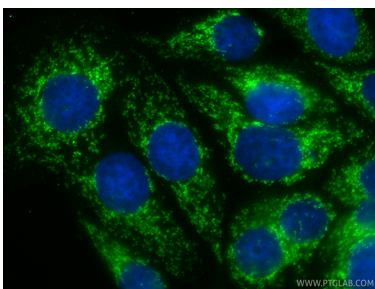
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88500-1-RR (UQC RF51 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



IP result of anti-UQC RF51 (IP:88500-1-RR, 4ug; Detection:88500-1-RR 1:3000) with HeLa cells lysate 1080 ug.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using UQC RF51 antibody (88500-1-RR, Clone: 261156A1) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).