

For Research Use Only

UQCRFS1 Monoclonal antibody, PBS Only



Catalog Number: 68529-1-PBS

Basic Information

Catalog Number:

68529-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG13307

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 G purification

CloneNo.:

1F11C4

Applications

Tested Applications:

WB, Indirect ELISA, IF

Species Specificity:

Human, mouse, rat, pig, rabbit

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 encodes 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 -80°C.

Storage Buffer:

PBS Only

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

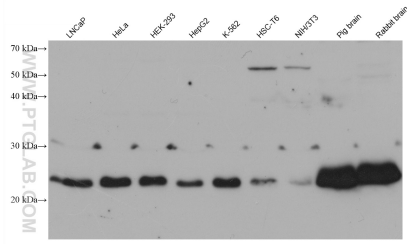
T: 4006900926

E: Proteintech-CN@ptglab.com

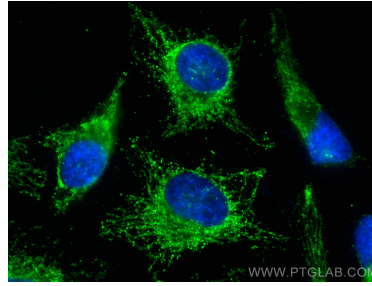
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68529-1-Ig (UQCRFS1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68529-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using UQCRFS1 antibody (68529-1-Ig, Clone: 1F11C4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 68529-1-PBS in a different storage buffer formulation.