

For Research Use Only

UQCRFS1 Monoclonal antibody

Catalog Number: 68529-1-Ig



Basic Information

Catalog Number: 68529-1-Ig	GenBank Accession Number: BC010035	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7386	CloneNo.: 1F11C4
Source: Mouse	Full Name: ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 30 kDa	
Immunogen Catalog Number: AG13307	Observed MW: 25 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat, pig, rabbit

Positive Controls:
WB : LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, pig brain tissue, rabbit brain tissue

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 pH 7.3.

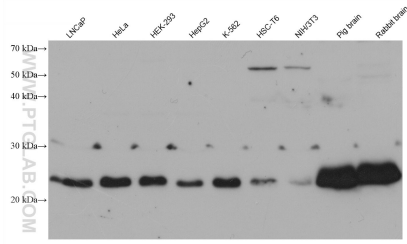
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

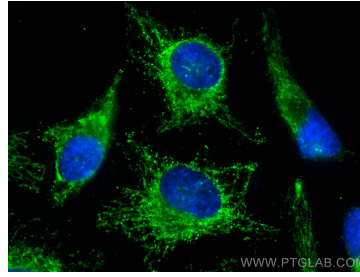
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68529-1-Ig (UQCRF51 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using UQCRF51 antibody (68529-1-Ig, Clone: 1F11C4) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).