

For Research Use Only

UQCRFS1 Monoclonal antibody

Catalog Number: 68529-1-Ig **1 Publications**



Basic Information

Catalog Number: 68529-1-Ig	GenBank Accession Number: BC010035	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7386	CloneNo.: 1F11C4
Source: Mouse	UNIPROT ID: P47985	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype: IgG1	Full Name: ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1	
Immunogen Catalog Number: AG13307	Calculated MW: 30 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB	WB : HeLa cells, Jurkat cells, HEK-293 cells, 4T1 cells, HSC-T6 cells, NIH/3T3 cells, pig brain tissue, rat brain tissue, mouse brain tissue
Species Specificity: human, mouse, rat, pig, rabbit	IF/ICC : HeLa cells,
Cited Species: mouse	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Yi Luo	39000167	Int J Mol Sci	WB

Storage

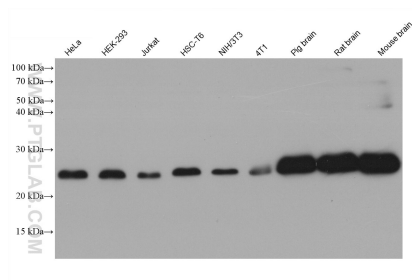
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

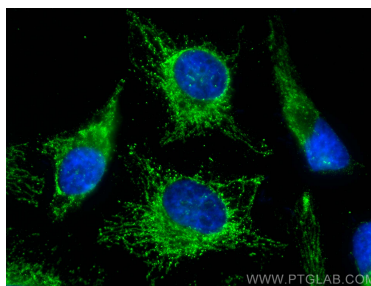
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68529-1-Ig (UQCRCF1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using UQCRCF1 antibody (68529-1-Ig, Clone: 1F11C4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).