

For Research Use Only

UQCRRS1 Monoclonal antibody

Catalog Number: 68529-1-Ig



Basic Information

Catalog Number: 68529-1-Ig	GenBank Accession Number: BC010035	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 7386	CloneNo.: 1F11C4
Source: Mouse	UNIPROT ID: P47985	Recommended Dilutions: WB 1:5000-1:50000 IF 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: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat, pig, rabbit	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
	IF: HeLa cells,

Background Information

The ubiquinol cytochrome c reductase UQCRRS1 is a key subunit of the cytochrome bc1 complex (complex III) of the mitochondrial respiratory chain. The UQCRRS1 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). UQCRRS1 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

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

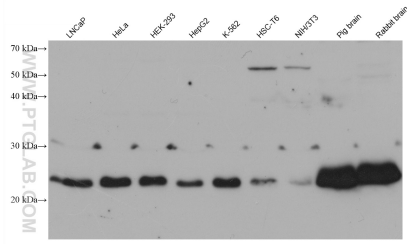
T: 4006900926

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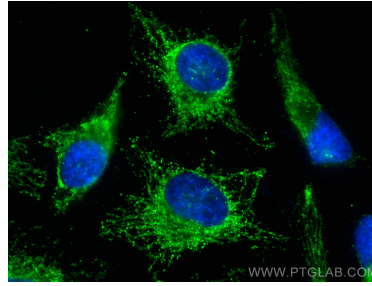
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Selected Validation Data



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.



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).