

For Research Use Only

UQCRC1 Monoclonal antibody

Catalog Number: 67888-1-Ig **1 Publications**



Basic Information

Catalog Number: 67888-1-Ig	GenBank Accession Number: BC009586	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 7384	CloneNo.: 2G1C11
Source: Mouse	UNIPROT ID: P31930	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: ubiquinol-cytochrome c reductase core protein I	
Immunogen Catalog Number: AG17506	Calculated MW: 480 aa, 53 kDa	
	Observed MW: 45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: LNCaP cells, HeLa cells, K-562 cells, Jurkat cells, pig brain tissue, mouse brain tissue, rat brain tissue
Cited Applications: WB	
Species Specificity: Human, mouse, rat, pig	
Cited Species: human	

Background Information

UQCRC1(Cytochrome b-c1 complex subunit 1, mitochondrial), also named as QCR1 and UQCR1, is a ubunit of the cytochrome bc1 complex (complex III) of the mitochondrial respiratory chain, may mediate the formation of the complex between cytochromes c and c1. The gene encodes a 53 kDa protein with a 34 amino acids transit peptide. It is associated with apoptosis or inhibition of cancer cell growth.

Notable Publications

Author	Pubmed ID	Journal	Application
Lingyu Li	36842321	Bioorg Chem	WB

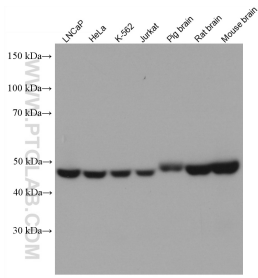
Storage

Storage:
Store at -20°C.
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 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 67888-1-Ig (UQCRC1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.