

For Research Use Only

UQCRC1 Recombinant antibody, PBS Only

Catalog Number: 83671-2-PBS



Basic Information

Catalog Number:	83671-2-PBS	GenBank Accession Number:	BC009586	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	7384	CloneNo.:	240507A6
Source:	Rabbit	UNIPROT ID:	P31930		
Isotype:	IgG	Full Name:	ubiquinol-cytochrome c reductase core protein I		
Immunogen Catalog Number:	AG16322	Calculated MW:	480 aa, 53 kDa		
		Observed MW:	45 kDa		

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human, mouse, rat

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.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

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

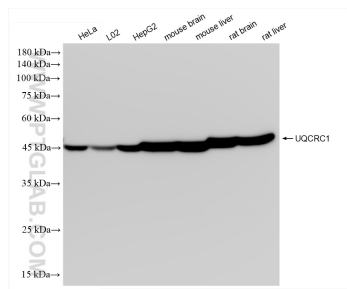
T: 4006900926

E: Proteintech-CN@ptglab.com

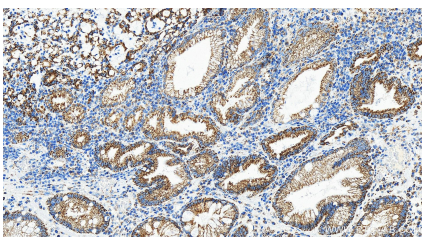
W: ptgcn.com

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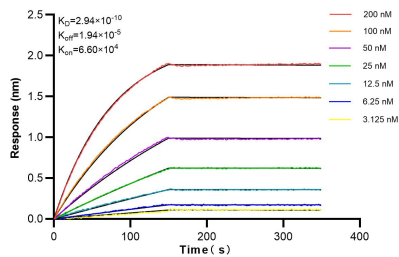
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83671-2-RR (UQCRC1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83671-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 83671-2-RR (UQCRC1 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer(pH9). This data was developed using the same antibody clone with 83671-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83671-2-RR against Human UQCRC1 were performed. The affinity constant is 0.294 nM.