

For Research Use Only

COQ7 Recombinant antibody

Catalog Number: 86394-1-RR



Basic Information

Catalog Number: 86394-1-RR	GenBank Accession Number: BC003185	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10229	CloneNo.: 251065A2
Source: Rabbit	UNIPROT ID: Q99807	Recommended Dilutions: WB: 1:1000-1:8000
Isotype: IgG	Full Name: coenzyme Q7 homolog, ubiquinone (yeast)	
Immunogen Catalog Number: AG7161	Calculated MW: 24 kDa	
	Observed MW: 20~24 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, HL-60 cells, mouse heart tissue
Species Specificity: human, mouse, rat	

Background Information

COQ7(Ubiquinone biosynthesis protein COQ7 homolog) catalyzes the production of coenzyme Q (CoQ) in mitochondria. The predicted protein contains 179 amino acids, is mostly helical, and contains an alpha-helical membrane insertion. It has a potential N-glycosylation site, a phosphorylation site for protein kinase C and another for casein kinase II, and 3 N-myristoylation sites. This protein has 2 isoforms produced by alternative splicing with MW 20-24 kDa.

Storage

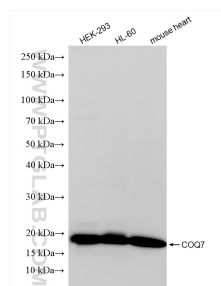
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

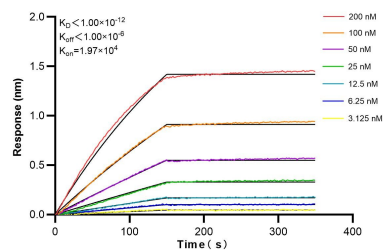
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 86394-1-RR (COQ7 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86394-1-RR against Human COQ7 were performed. The affinity constant is below 1 pM.