

For Research Use Only

COX14 Polyclonal antibody

Catalog Number: 27712-1-AP



Basic Information

Catalog Number: 27712-1-AP	GenBank Accession Number: BC007849	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop;	GeneID (NCBI): 84987	Recommended Dilutions: WB: 1:500-1:1000 IF/ICC: 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96136	
Isotype: IgG	Full Name: Cytochrome c oxidase assembly protein COX14	
Immunogen Catalog Number: AG24036	Observed MW: 7-12 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : HEK-293 cells, HepG2 cells
Species Specificity: human	IF/ICC : HepG2 cells,

Background Information

COX14 (Cytochrome c Oxidase Assembly Factor 14) is a protein that functions as a crucial assembly factor for mitochondrial complex IV (cytochrome c oxidase, COX), the terminal enzyme of the electron transport chain .

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

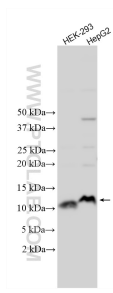
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

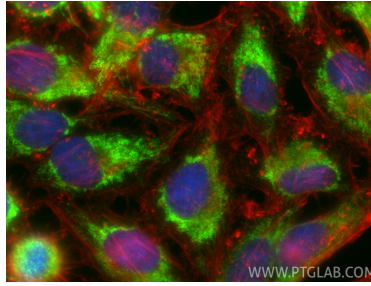
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27712-1-AP (COX14 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using COX14 antibody (27712-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).