

For Research Use Only

COXIV Recombinant antibody

Catalog Number: 82916-1-RR



Basic Information

Catalog Number: 82916-1-RR	GenBank Accession Number: BC021236	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1327	CloneNo.: 3K20
Source: Rabbit	Full Name: cytochrome c oxidase subunit IV isoform 1	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Calculated MW: 19.6 kDa	
Immunogen Catalog Number: AG1640	Observed MW: 17-18 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, Mouse, Rat

Positive Controls:
WB : HeLa cells, mouse skeletal muscle tissue, HepG2 cells, Jurkat cells, A431 cells, rat skeletal muscle tissue, mouse liver tissue

Background Information

COX4l1, also named as COX4 and COXIV-1, belongs to the cytochrome c oxidase IV family. It is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport. COX4l1 is a marker for mitochondria. It has two isoforms (isoform 1 and 2). Isoform 1(COX4l1) is ubiquitously expressed and isoform 2 is highly expressed in lung tissues.

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.

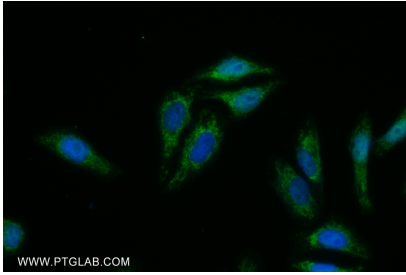
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

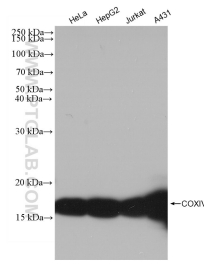
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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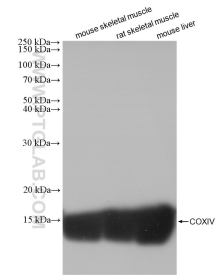
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using COXIV antibody (82916-1-RR, Clone: 3K20) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 82916-1-RR (COXIV antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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