

For Research Use Only

COX15 Polyclonal antibody

Catalog Number: 11441-1-AP

3 Publications



Basic Information

Catalog Number: 11441-1-AP	GenBank Accession Number: BC002382	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1355	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:20-1:200
Source: Rabbit	Full Name: COX15 homolog, cytochrome c oxidase assembly protein (yeast)	
Isotype: IgG	Calculated MW: 410 aa, 46 kDa	
Immunogen Catalog Number: AG2004	Observed MW: 44-55 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse brain tissue, mouse heart tissue, rat heart tissue
Species Specificity: human, mouse, rat	IHC : human heart tissue,
Cited Species: mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

COX15 belongs to the COX15/CtaA family. It may be involved in the biosynthesis of heme A. COX15 has 2 isoforms COX15.1 and COX15.2. The MW in SDS-PAGE is between 44kd and 55kd.

Notable Publications

Author	Pubmed ID	Journal	Application
Liangjun Xia	35401830	Theranostics	WB
Qianqian Guo	31870714	Biochim Biophys Acta Mol Basis Dis	WB
Jana Key	38139332	Int J Mol Sci	WB

Storage

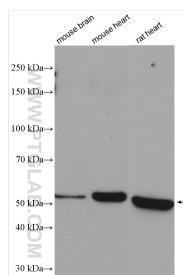
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

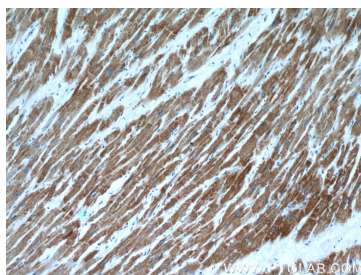
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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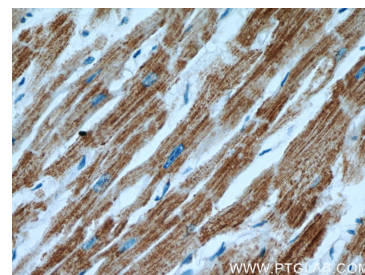
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11441-1-AP (COX15 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 11441-1-AP (COX15 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 11441-1-AP (COX15 antibody) at dilution of 1:100 (under 40x lens).