

For Research Use Only

COX17 Polyclonal antibody

Catalog Number: 11464-1-AP

Featured Product

10 Publications



Basic Information

Catalog Number: 11464-1-AP	GenBank Accession Number: BC010933	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 1100 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10063	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: COX17 cytochrome c oxidase assembly homolog (S. cerevisiae)	
Isotype: IgG	Calculated MW: 63 aa, 7 kDa	
Immunogen Catalog Number: AG2032	Observed MW: 7 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls: WB : MCF-7 cells, THP-1 cells, rat heart tissue
Cited Applications: IF, WB	IHC : human liver cancer tissue,
Species Specificity: human, mouse, rat	IF : HeLa cells,
Cited Species: human, mouse, rat	

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

Notable Publications

Author	Pubmed ID	Journal	Application
Archita Das	31553645	Am J Physiol Cell Physiol	WB
Rashim Pal Singh	32416059	Cell Stem Cell	WB,IF
Karthik Mohanraj	30885959	EMBO Mol Med	

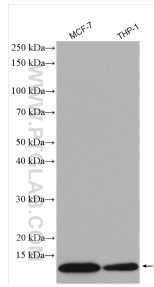
Storage

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

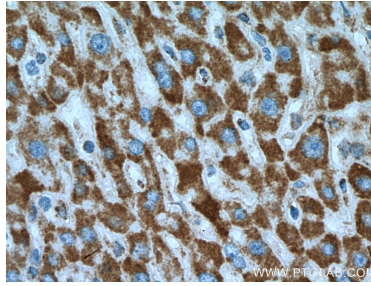
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

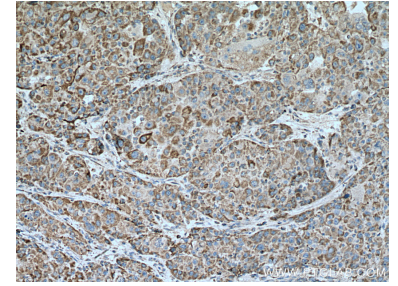
Selected Validation Data



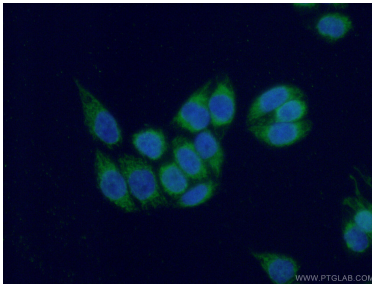
Various lysates were subjected to SDS PAGE followed by western blot with 11464-1-AP (COX17 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11464-1-AP (COX17 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11464-1-AP (COX17 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 11464-1-AP (COX17 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).