

For Research Use Only

COX4NB Monoclonal antibody

Catalog Number: 66547-1-Ig **1 Publications**



Basic Information

Catalog Number: 66547-1-Ig	GenBank Accession Number: BC001472	Purification Method: Protein A purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10328	CloneNo.: 2B8D3
Source: Mouse	Full Name: COX4 neighbor	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:200-1:800 IF 1:200-1:800
Isotype: IgG1	Calculated MW: 210 aa, 24 kDa	
Immunogen Catalog Number: AG13776	Observed MW: 24 kDa	

Applications

Tested Applications: IF, IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: A549 cells, HeLa cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells, 4T1 cells
Species Specificity: Human, Mouse, Rat	IHC: human liver tissue, human kidney tissue
Cited Species: mouse	IF: HeLa cells,
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
Angela L. Whittsette	35938049	iScience	WB

Storage

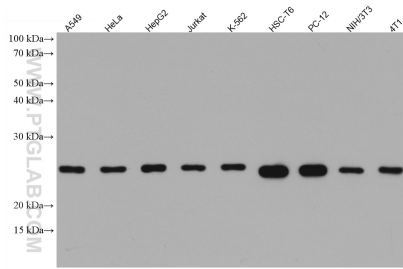
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

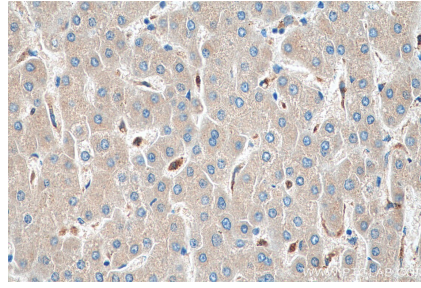
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

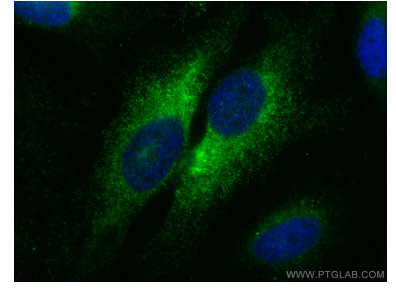
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66547-1-Ig (COX4NB antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66547-1-Ig (COX4NB antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using COX4NB antibody (66547-1-Ig, Clone: 2B8D3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).