

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: 1000 µg/ml	GeneID (NCBI): 10328	CloneNo.: 2B8D3
Source: Mouse	UNIPROT ID: O43402	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:200-1:800 IF/ICC 1:200-1:800
Isotype: IgG1	Full Name: COX4 neighbor	
Immunogen Catalog Number: AG13776	Calculated MW: 210 aa, 24 kDa Observed MW: 24 kDa	

## Applications

Tested Applications: IF/ICC, 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/ICC : HeLa cells,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Angela L. Whittsette	35938049	iScience	WB

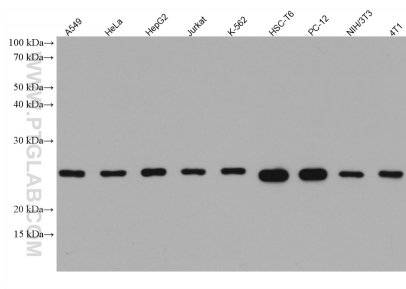
## Storage

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

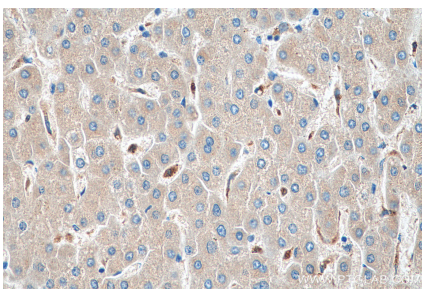
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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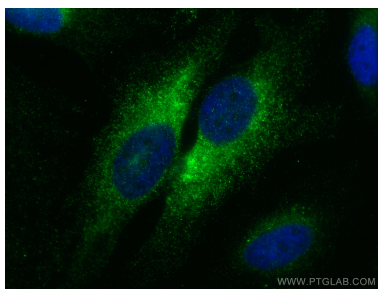
## Selected Validation Data



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).