

For Research Use Only

COX18 Polyclonal antibody

Catalog Number: 18071-1-AP

2 Publications



Basic Information

Catalog Number:

18071-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12709

GenBank Accession Number:

BC101684

GeneID (NCBI):

285521

UNIPROT ID:

Q8N8Q8

Full Name:

COX18 cytochrome c oxidase assembly homolog (S. cerevisiae)

Calculated MW:

333 aa, 37 kDa

Observed MW:

37-40 kDa, 28-30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:300-1:600

IHC 1:50-1:500

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

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

Positive Controls:

WB : mouse liver tissue, HeLa cells, NIH/3T3 cells

IHC : human ovary cancer tissue,

IF/ICC : HepG2 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Isotta Lorenzi	29154948	Biochim Biophys Acta	WB
Guoqiang Han	39357516	Cell Stem Cell	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

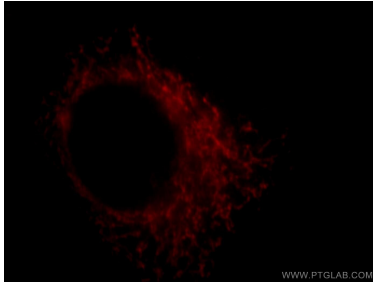
For technical support and original validation data for this product please contact:

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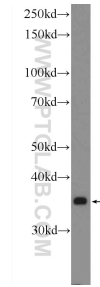
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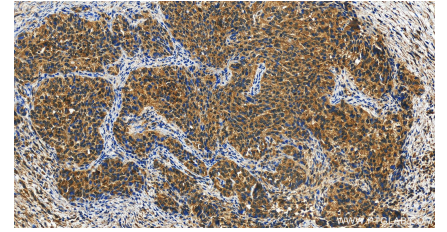
Selected Validation Data



Immunofluorescent analysis of HepG2 cells, using COX18 antibody 18071-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



mouse liver tissue were subjected to SDS PAGE followed by western blot with 18071-1-AP (COX18 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 18071-1-AP (COX18 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).