For Research Use Only

COX17 Polyclonal antibody

Catalog Number:11464-1-AP Featured Product 17 Publications

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Basic Information

Catalog Number:
11464-1-AP

Size:
150ul , Concentration: 1100 ug/ml by Nanodrop and 467 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG2032

GenBank Accession Number:
BC010933

GeneID (NCBI):
10063

UNIPROT ID:
Q14061

Full Name:
COX17 cytochrome c oxidase assembly homolog (S. cerevisiae)

Calculated MW:
63 aa, 7 kDa

Observed MW:
7 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000
IHC 1:50-1:500
IF/ICC 1:50-1:500

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Cited Applications:
WB, IHC, IF, CoIP

Species Specificity:
human, mouse, rat

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

Positive Controls:

WB : MCF-7 cells, rat heart tissue, THP-1 cells

IHC : human liver cancer tissue,

IF/ICC : HeLa cells,

Notable Publications

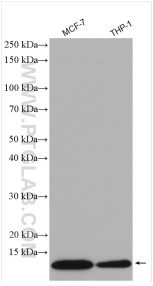
Author	Pubmed ID	Journal	Application
Archita Das	31553645	Am J Physiol Cell Physiol	WB
Ryan Houston	34495738	Mol Biol Cell	WB
Rashim Pal Singh	32416059	Cell Stem Cell	WB,IF

Storage

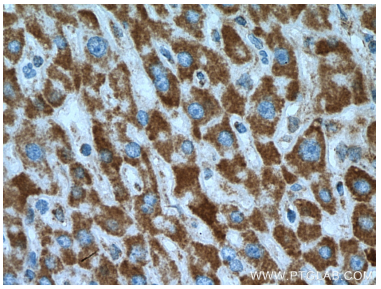
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

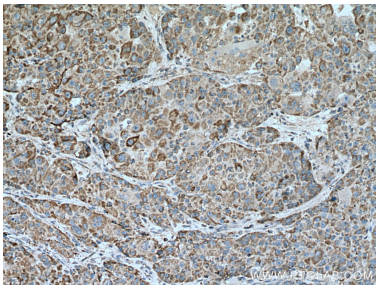
Selected Validation Data



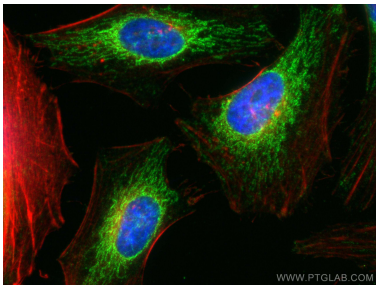
Various lysates were subjected to SDS PAGE followed by western blot with 11464-1-AP (COX17 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



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 COX17 antibody (11464-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).