

For Research Use Only

COX5B Polyclonal antibody, PBS Only

Catalog Number: 11418-2-PBS

Featured Product



Basic Information

Catalog Number:

11418-2-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1986

GenBank Accession Number:

BC006229

GeneID (NCBI):

1329

UNIPROT ID:

P10606

Full Name:

cytochrome c oxidase subunit Vb

Calculated MW:

129 aa, 14 kDa

Observed MW:

14 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

COX5B belongs to the cytochrome c oxidase subunit 5B family. It is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport. COX5B and other 3 genes CKB, HBB, MBP are involved in respiration.(PMID:21295140)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

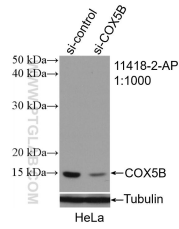
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

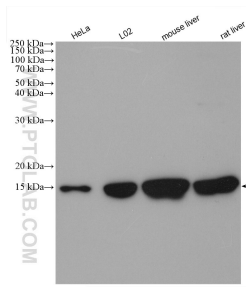
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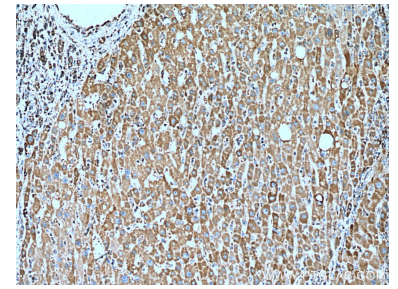
Selected Validation Data



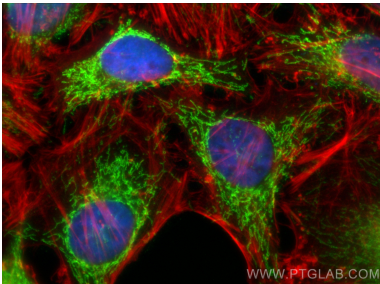
WB result of COX5B antibody (11418-2-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-COX5B transfected HeLa cells. This data was developed using the same antibody clone with 11418-2-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 11418-2-AP (COX5B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11418-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 11418-2-AP (COX5B antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11418-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using COX5B antibody (11418-2-AP) at dilution of 1:400 and Coralite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 11418-2-PBS in a different storage buffer formulation.