For Research Use Only

COX6C Polyclonal antibody

Catalog Number:11429-2-AP 1 Publications

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Basic Information

Catalog Number:
11429-2-AP

Size:
150ul , Concentration: 240 µg/ml by Nanodrop and 173 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG1982

GenBank Accession Number:
BC000187

GeneID (NCBI):
1345

Full Name:
cytochrome c oxidase subunit VIc

Calculated MW:
75 aa, 9 kDa

Observed MW:
9 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000
IHC 1:20-1:200

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

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 : human heart tissue,

IHC : human pancreas cancer tissue,

Background Information

Cytochrome c oxidase (COX) is the terminal oxidase in the respiratory chain in human and other mammalian cells. The enzyme is composed of 13 different subunits. COX6C(Cytochrome c oxidase subunit 6C) is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.

Notable Publications

Author	Pubmed ID	Journal	Application
Oliva Claudia R CR	20870728	J Biol Chem	WB

Storage

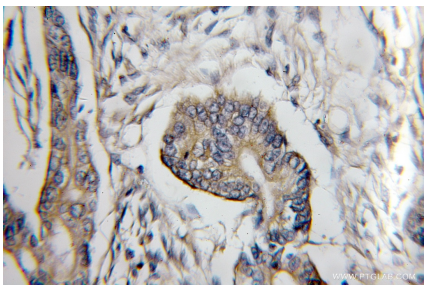
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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

Selected Validation Data

human heart tissue were subjected to SDS PAGE followed by western blot with 11429-2-AP (COX6C antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 11429-2-AP (COX6C antibody) at dilution of 1:50 (under 10x lens).