

For Research Use Only

COX16 Polyclonal antibody

Catalog Number: 19425-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

19425-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 160 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13756

GenBank Accession Number:

BC001702

GeneID (NCBI):

51241

UNIPROT ID:

Q9PO52

Full Name:

COX16 cytochrome c oxidase assembly homolog (S. cerevisiae)

Calculated MW:

106 aa, 12 kDa

Observed MW:

12 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

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 : A549 cells, HeLa cells, SH-SY5Y cells

IHC : human stomach tissue, human ovary cancer tissue

IF/ICC : MCF-7 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Jasmin Adriana Schafer	34847359	Mol Cell	WB
Eva Nývltová	35750769	Nat Commun	WB
Abhishek Aich	29381136	Elife	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

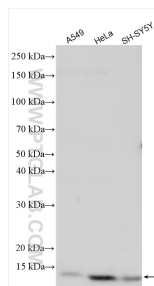
For technical support and original validation data for this product please contact:

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

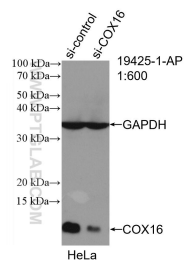
E: proteintech@ptglab.com
W: ptglab.com

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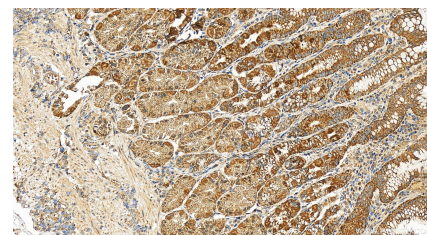
Selected Validation Data



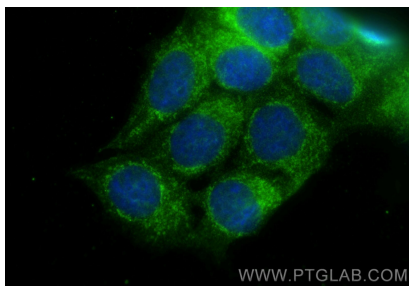
Various lysates were subjected to SDS PAGE followed by western blot with 19425-1-AP (COX16 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of COX16 antibody (19425-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-COX16 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 19425-1-AP (COX16 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using COX16 antibody (19425-1-AP) at dilution of 1:400 and Multi-rAb Coralite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).