

For Research Use Only

COX11 Polyclonal antibody

Catalog Number: 11498-1-AP

4 Publications



Basic Information

Catalog Number:

11498-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 140 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2033

GenBank Accession Number:

BC005895

GeneID (NCBI):

1353

UNIPROT ID:

Q9Y6N1

Full Name:

COX11 homolog, cytochrome c oxidase assembly protein (yeast)

Calculated MW:

276 aa, 31 kDa

Observed MW:

31 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IHC

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 : mouse liver tissue, mouse brain tissue

IP : mouse liver tissue,

IHC : human pancreas cancer tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Cortnie Hartwig	33208468	J Neurosci	
David Pacheu-Grau	32061935	J Mol Biol	WB
Akiko Shibata	34400285	Neurosci Lett	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

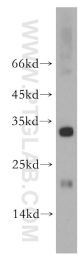
For technical support and original validation data for this product please contact:

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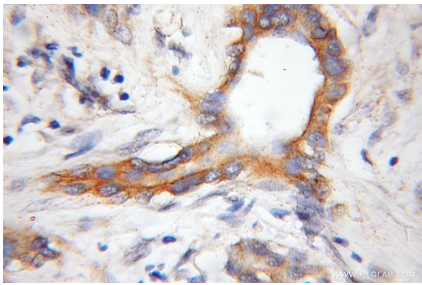
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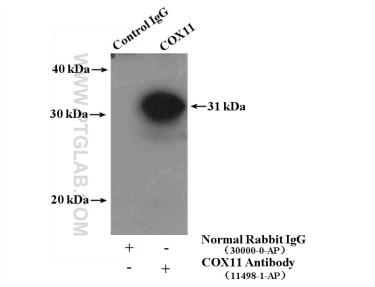
Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 11498-1-AP (COX11 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 11498-1-AP (COX11 antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-COX11 (IP:11498-1-AP, 4ug; Detection:11498-1-AP 1:1000) with mouse liver tissue lysate 4400ug.