

For Research Use Only

# COX11 Polyclonal antibody

Catalog Number: 11498-1-AP **4 Publications**



## Basic Information

**Catalog Number:**

11498-1-AP

**Size:**

300 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, IP, WB, 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,

## Background Information

### Notable Publications

| Author            | Pubmed ID | Journal       | Application |
|-------------------|-----------|---------------|-------------|
| Cornie 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

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

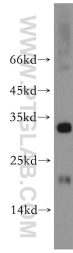
T: 4006900926

E: Proteintech-CN@ptglab.com

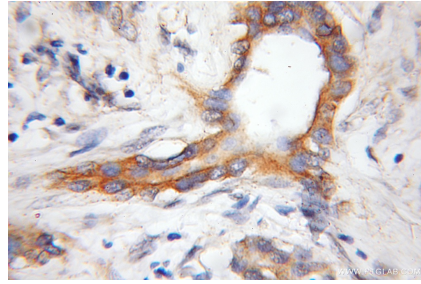
W: ptgcn.com

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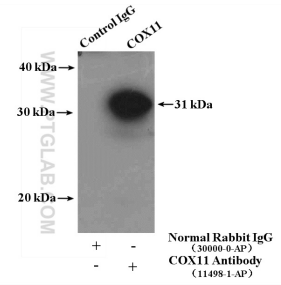
## Selected Validation Data



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.