

For Research Use Only

# COQ10A Polyclonal antibody

Catalog Number: 17812-1-AP

4 Publications



## Basic Information

Catalog Number:

17812-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12126

GenBank Accession Number:

BC073923

GeneID (NCBI):

93058

UNIPROT ID:

Q96MF6

Full Name:

coenzyme Q10 homolog A (S. cerevisiae)

Calculated MW:

247 aa, 28 kDa

Observed MW:

20-23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human, rat

**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, mouse skeletal muscle tissue

IHC : human liver tissue,

IF/ICC : HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Bingju Yan	30483777	Mol Med Rep	WB
Hui S Tsui	31048406	J Lipid Res	WB
Bingju Yan	28901410	Mol Med Rep	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:

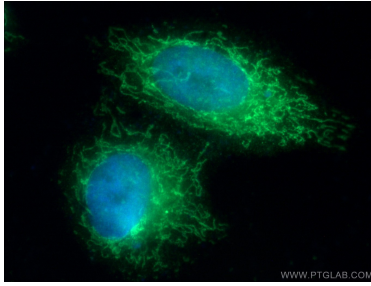
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

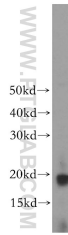
W: [ptgcn.com](http://ptgcn.com)

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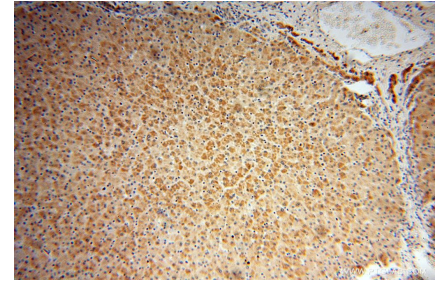
## Selected Validation Data



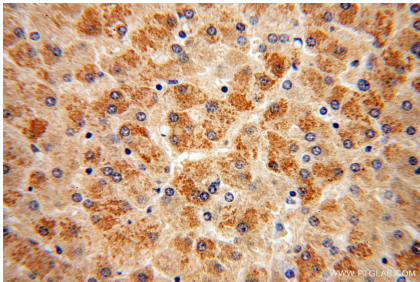
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 17812-1-AP (COQ10A antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



human heart tissue were subjected to SDS PAGE followed by western blot with 17812-1-AP (COQ10A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver using 17812-1-AP (COQ10A antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 17812-1-AP (COQ10A antibody) at dilution of 1:100 (under 40x lens).