**COQ10A Polyclonal ANTIBODY**

**Catalog Number:** 17812-1-AP  
**2 Publications**

### Basic Information

- **Catalog Number:** 17812-1-AP
- **Size:** 35 μg/150 μl
- **Source:** Rabbit
- **Isotype:** IgG
- **Purification Method:** Antigen affinity purification
- **GenBank Accession Number:** BC073923
- **GeneID (NCBI):** 93058
- **Full Name:** coenzyme Q10 homolog A (S. cerevisiae)
- **Calculated MW:** 247aa, 28 kDa
- **Observed MW:** 20-23 kDa

### Applications

- **Recommended Dilutions:**
  - WB: 1:500-1:2000
  - IHC: 1:20-1:200
  - IF: 1:50-1:500

### Tested Applications:
- IF, IHC, WB, ELISA

### Cited Applications:
- WB

### Species Specificity:
- human, mouse, rat

### Positive Controls:
- WB: human heart tissue; mouse skeletal muscle tissue
- IHC: human liver tissue;
- IF: HepG2 cells;

- **Note:** suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

### Background Information

### Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hui S Tsui</td>
<td>31048406</td>
<td>J Lipid Res</td>
<td>WB</td>
</tr>
<tr>
<td>Jianhua Yu</td>
<td>29435072</td>
<td>Oncol Lett</td>
<td>WB</td>
</tr>
</tbody>
</table>

### 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**

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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 (312) 405-8468 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.
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).