

For Research Use Only

# ACOT12 Polyclonal antibody

Catalog Number: 17871-1-AP



## Basic Information

<b>Catalog Number:</b> 17871-1-AP	<b>GenBank Accession Number:</b> BC075011	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 290 µg/ml	<b>GeneID (NCBI):</b> 134526	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WYK0	
<b>Isotype:</b> IgG	<b>Full Name:</b> acyl-CoA thioesterase 12	
<b>Immunogen Catalog Number:</b> AG12355	<b>Calculated MW:</b> 555 aa, 62 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IHC, WB, ELISA

**Species Specificity:**  
human, mouse, 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 : COLO 320 cells,

IHC : human liver cancer tissue, human colon cancer tissue

IF/ICC : COLO 320 cells,

## Background Information

### 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:

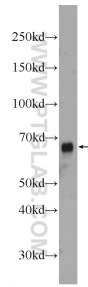
T: 4006900926

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

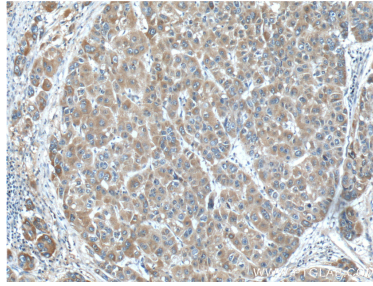
W: [ptgcn.com](http://ptgcn.com)

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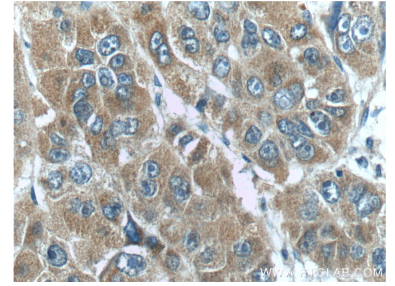
## Selected Validation Data



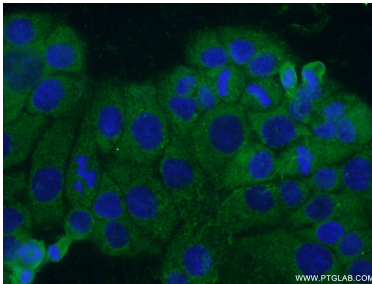
COLO 320 cells were subjected to SDS PAGE followed by western blot with 17871-1-AP (ACOT12 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17871-1-AP (ACOT12 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 17871-1-AP (ACOT12 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed COLO 320 cells using 17871-1-AP (ACOT12 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).