

For Research Use Only

# BAAT Polyclonal antibody

Catalog Number: 15990-1-AP **1 Publications**



## Basic Information

**Catalog Number:**

15990-1-AP

**Size:**

500 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG8860

**GenBank Accession Number:**

BC009567

**GeneID (NCBI):**

570

**UNIPROT ID:**

Q14032

**Full Name:**

bile acid Coenzyme A: amino acid N-acyltransferase (glycine N-choloyltransferase)

**Calculated MW:**

418 aa, 46 kDa

**Observed MW:**

50 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IHC 1:20-1:200

IF 1:10-1:100

## Applications

**Tested Applications:**

IF/ICC, IHC, WB, ELISA

**Species Specificity:**

human, mouse

**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 liver tissue,

IHC : human hepatocirrhosis tissue,

IF : HepG2 cells,

## Background Information

BAAT is bile acid-CoA:amino acid N-acyltransferase which involved in in bile acid metabolism. BAAT acts as an acyl-CoA thioesterase that regulates intracellular levels of free fatty acids.

## Notable Publications

Author	Pubmed ID	Journal	Application
Chatterjee Sagnik S	24211540	Toxicol In Vitro	

## 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:

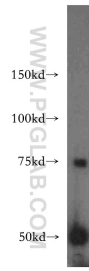
T: 4006900926

E: Proteintech-CN@ptglab.com

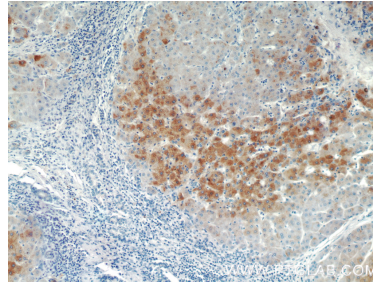
W: ptgcn.com

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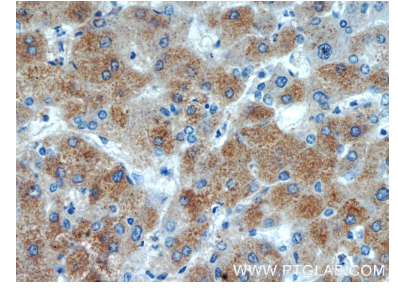
## Selected Validation Data



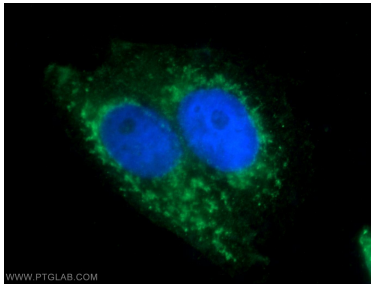
human liver tissue were subjected to SDS PAGE followed by western blot with 15990-1-AP (BAAT antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using 15990-1-AP (BAAT Antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis tissue slide using 15990-1-AP (BAAT Antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 15990-1-AP (BAAT antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).