For Research Use Only

# BAAT Polyclonal antibody

Catalog Number:15990-1-AP 1 Publications

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## Basic Information

Catalog Number:
15990-1-AP

Size:
150ul , Concentration: 133 μg/ml by Nanodrop and 133 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG8860

GenBank Accession Number:
BC009567

GeneID (NCBI):
570

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, 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 | |

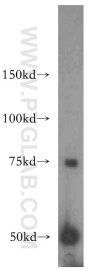
## Storage

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

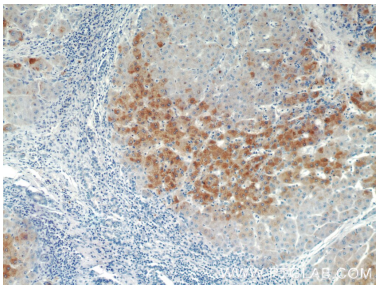
***** 20ul sizes contain 0.1% BSA**

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 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

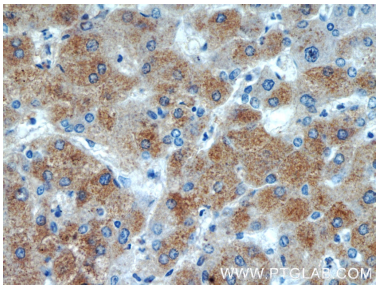
## Selected Validation Data



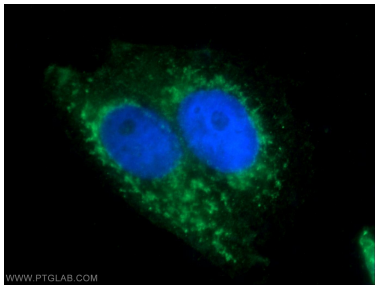

human liver tissue were subjected to SDS PAGE followed by western blot with 15990-1-AP (BAAT antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).