

For Research Use Only

BAAT Polyclonal antibody

Catalog Number: 15990-1-AP

1 Publications



Basic Information

Catalog Number:

15990-1-AP

Size:

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

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/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, 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/ICC : HepG2 cells,

Background Information

BAAT is bile acid-CoA:amino acid N-acyltransferase which involved 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

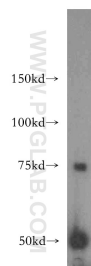
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

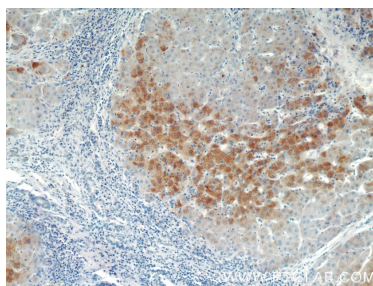
E: proteintech@ptglab.com
W: ptglab.com

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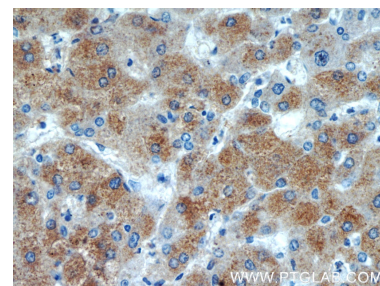
Selected Validation Data



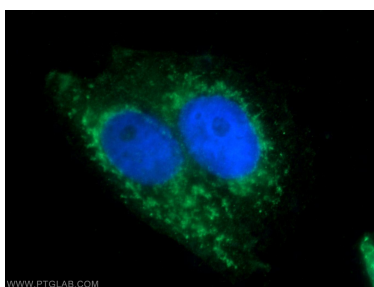
human liver tissue were subjected to SDS PAGE followed by western blot with 15990-1-AP (BAAT antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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 Goat Anti-Rabbit IgG(H+L).