

## Product datasheet for **TA368999S**

### BAAT Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Human normal liver tissue IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human BAAT
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	46 kDa
Gene Name:	bile acid-CoA:amino acid N-acyltransferase
Database Link:	<a href="#">Entrez Gene 570 Human Q14032</a>

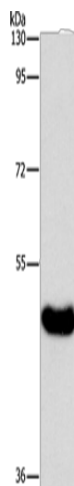
**Background:** The protein encoded by this gene is a liver enzyme that catalyzes the transfer of C24 bile acids from the acyl-CoA thioester to either glycine or taurine, the second step in the formation of bile acid-amino acid conjugates. The bile acid conjugates then act as a detergent in the gastrointestinal tract, which enhances lipid and fat-soluble vitamin absorption. Defects in this gene are a cause of familial hypercholanemia (FHCA). Two transcript variants encoding the same protein have been found for this gene.

**Synonyms:** BACAT; BAT; FLJ20300; MGC104432

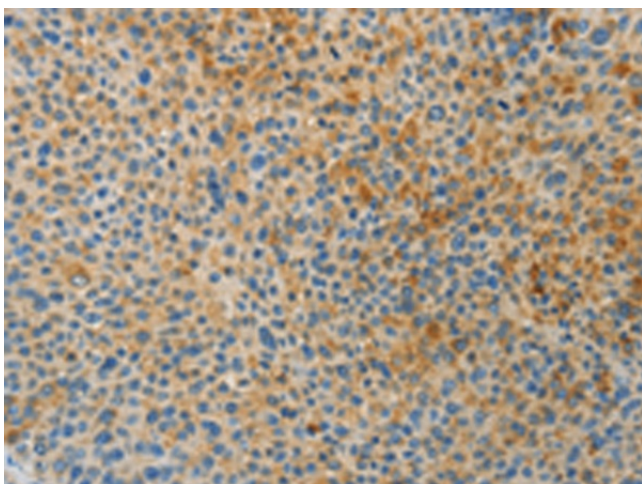


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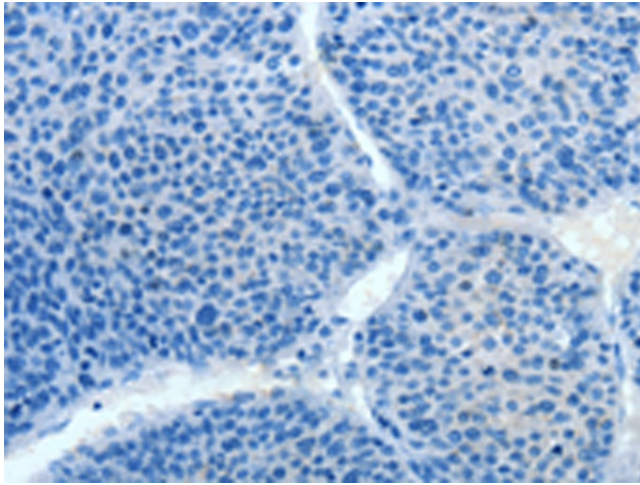
## Product images:



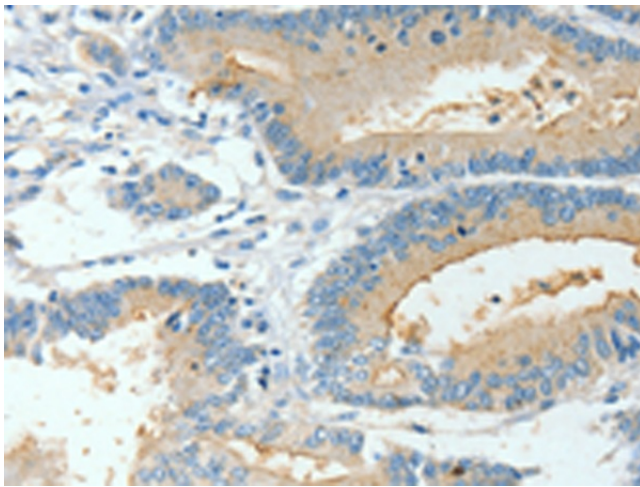
Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Human normal liver tissue  
Primary antibody: [TA368999] (BAAT Antibody) at dilution 1/600  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 10 seconds



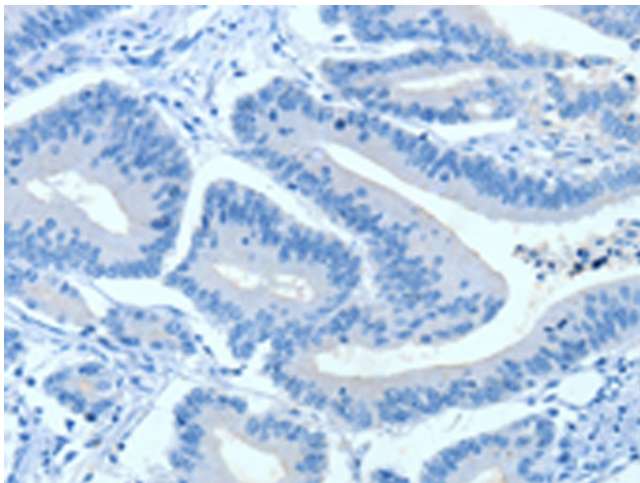
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA368999] (BAAT Antibody) at dilution 1/30 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA368999] (BAAT Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA368999] (BAAT Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using [TA368999] (BAAT Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )