

Anti-BAAT antibody

Cat. No.	ml221970
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-BAAT rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human BAAT
Reactivity	Human
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	BAAT
Full name	bile acid CoA: amino acid N-acyltransferase (glycine N-choloyltransferase)

Synonyms BAT; BACAT

Swissprot Q14032

Target 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.

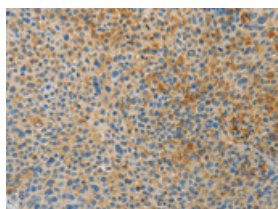
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100

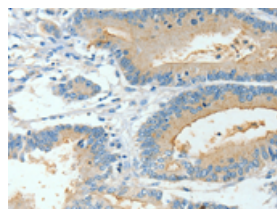


The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml221970(BAAT Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml221970(BAAT Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 46 kDa

Positive control: Human normal liver tissue

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

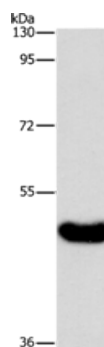
Lysate: 40 µg

Lane: Human normal liver tissue

Primary antibody: ml221970(BAAT Antibody) at dilution 1/600

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



ELISA

Recommended dilution: 2000-5000

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