Datasheet for ABIN7145588

anti-BAAT antibody (AA 309-418)

3 Images

Go to Product page

Overview

Quantity:	100 µL
Target:	BAAT
Binding Specificity:	AA 309-418
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BAAT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Bile acid-CoA:amino acid N-acyltransferase protein (309-418AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	BAAT
Alternative Name:	BAAT (BAAT Products)
Background:	Background: Involved in bile acid metabolism. In liver hepatocytes catalyzes the second step in the conjugation of C24 bile acids (choloneates) to glycine and taurine before excretion into bile

Target Details

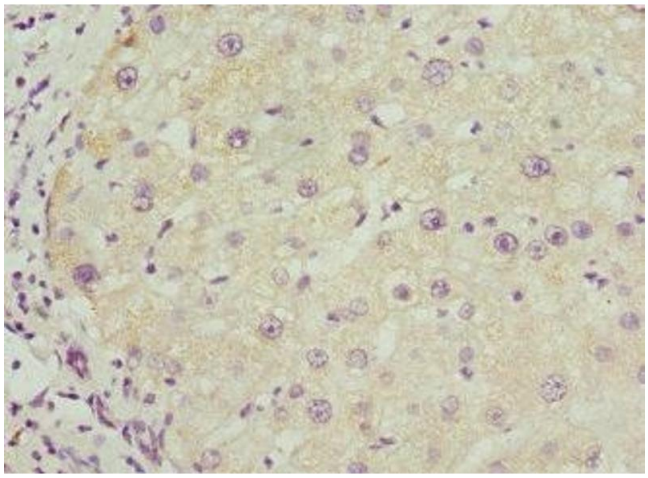
	canaliculi. The major components of bile are cholic acid and chenodeoxycholic acid. In a first step the bile acids are converted to an acyl-CoA thioester, either in peroxisomes (primary bile acids deriving from the cholesterol pathway), or cytoplasmic at the endoplasmic reticulum (secondary bile acids). May catalyze the conjugation of primary or secondary bile acids, or both. The conjugation increases the detergent properties of bile acids in the intestine, which facilitates lipid and fat-soluble vitamin absorption. In turn, bile acids are deconjugated by bacteria in the intestine and are recycled back to the liver for reconjugation (secondary bile acids). May also act as an acyl-CoA thioesterase that regulates intracellular levels of free fatty acids. In vitro, catalyzes the hydrolysis of long- and very long-chain saturated acyl-CoAs to the free fatty acid and coenzyme A (CoASH), and conjugates glycine to these acyl-CoAs. Aliases: FLJ20300 antibody, BAAT antibody, BAAT_HUMAN antibody, BACAT antibody, BAT antibody, Bile acid CoA: amino acid N-acyltransferase (glycine N-choloyltransferase) antibody, Bile acid CoA:amino acid N acyltransferase antibody, Bile acid Coenzyme A amino acid N acyltransferase glycine N choloyltransferase antibody, Bile acid Coenzyme A: amino acid N acyltransferase antibody, Bile acid-CoA:amino acid N-acyltransferase antibody, Glycine N choloyltransferase antibody, Glycine N-choloyltransferase antibody, Long chain fatty acyl CoA hydrolase antibody, Long-chain fatty-acyl-CoA hydrolase antibody, MGC104432 antibody
UniProt:	Q14032

Application Details

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,
Restrictions:	For Research Use only

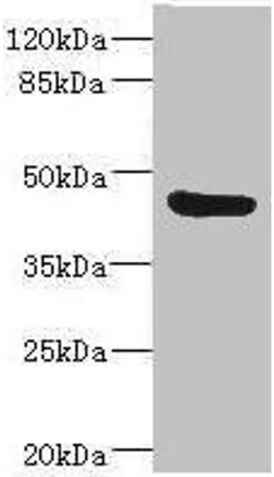
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



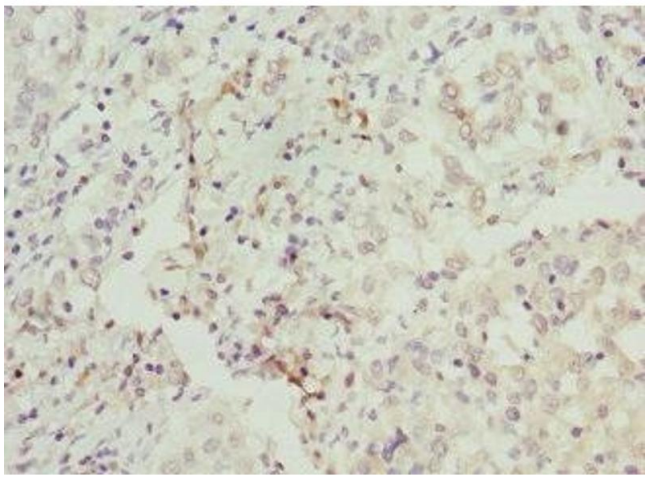
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7145588 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: BAAT antibody IgG at 3.73 µg/mL + Mouse liver tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 46 kDa Observed band size: 46 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7145588 at dilution of 1:100

