

BAAT antibody

Product Information

Catalog No.:	FNab00780
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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.

Immunogen information

Immunogen:	bile acid Coenzyme A: amino acid N-acyltransferase(glycine N-choloyltransferase)
Synonyms:	Bile acid-CoA:amino acid N-acyltransferase (BACAT, BAT) Bile acid-CoA thioesterase Choloyl-CoA hydrolase Glycine N-choloyltransferase Long-chain fatty-acyl-CoA hydrolase BAAT
Observed MW:	50 kDa
Uniprot ID :	Q14032

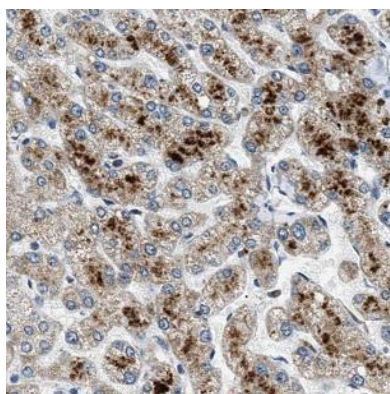
Application

Reactivity: Human

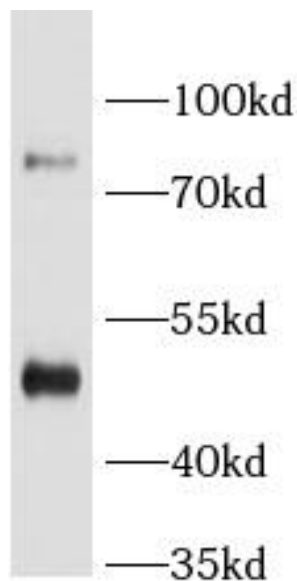
Tested Application: ELISA, WB, IF, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human hepatocirrhosis tissue slide using FNab00780(BAAT Antibody) at dilution of 1:100



human liver tissue were subjected to SDS PAGE followed by western blot with FNab00780(BAAT antibody) at dilution of 1:500