antibodies - online.com







anti-BAAT antibody (AA 107-148)



Image



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Background:

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Quantity:	200 μL	
Target:	BAAT	
Binding Specificity:	AA 107-148	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This BAAT antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This BAAT antibody is generated from a rabbit immunized with a KLH conjugated synthetic	
	peptide between 107-148 amino acids from human BAAT.	
Clone:	RB55397	
Isotype:	Ig Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	BAAT	
Alternative Name:	BAAT (BAAT Products)	

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.

Molecular Weight:

46299

UniProt:

Q14032

Application Details

Application Notes:

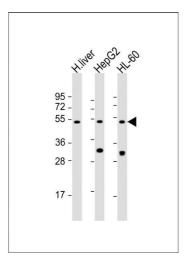
WB: 1:2000

Restrictions:

For Research Use only

Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
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:	4 °C,-20 °C	
Expiry Date:	6 months	



Western Blotting

Image 1. All lanes: Anti-BT Antibody (N-Term) at 1:2000 dilution Lane 1: human liver lysate Lane 2: HepG2 whole cell lysate Lane 3: HL-60 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 46 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.