
BAAT Rabbit pAb

Catalog Number: bs-5040R

Target Protein: BAAT

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Horse)

Predicted MW: 46 kDa

Entrez Gene: 570

Swiss Prot: Q14032

Source: KLH conjugated synthetic peptide derived from human BAAT: 101-200/418.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: BAAT (bile acid Coenzyme A: amino acid N-acyltransferase) is involved in bile acid metabolism. In liver hepatocytes BAAT catalyzes the transfer of the bile acid moiety from the acyl-CoA thioester to glycine and taurine, before excretion into bile canaliculi. This is the second step in the formation of bile acid-amino acid conjugates. The conjugation increases the detergent properties of bile acids in the intestine, which facilitates lipid and fat-soluble vitamin absorption. BAAT may also act as an acyl-CoA thioesterase that regulates intracellular levels of free fatty acids.