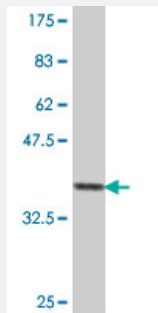


BAAT polyclonal antibody (A01)

Catalog # H00000570-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.89 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant BAAT.
Immunogen	BAAT (NP_001692, 258 a.a. ~ 355 a.a) partial recombinant protein with GST tag.
Sequence	NGTNFPFGIPQVYHGQIHQPLPHSAQLISTNALGLLELYRTFETTQVGASQYLFPIEEAQGGQLFIVG EGDKTINSKAHAEQAIGQLKRHGKNNWTLL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (58); Rat (59)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — BAAT

Entrez GeneID [570](#)

GeneBank Accession# [NM_001701](#)

Protein Accession# [NP_001692](#)

Gene Name BAAT

Gene Alias BACAT, BAT, FLJ20300, MGC104432

Gene Description bile acid Coenzyme A: amino acid N-acyltransferase (glycine N-choloyltransferase)

Omim ID [602938 607748](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000021802|bile acid Coenzyme A: amino acid N-acyltransferase|glycine N-choloyltransferase

Pathway

- [Biosynthesis of unsaturated fatty acids](#)
- [Metabolic pathways](#)
- [Primary bile acid biosynthesis](#)
- [Taurine and hypotaurine metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Narcolepsy](#)