



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BAAT monoclonal antibody (M02), clone 5B6

Catalog # : H00000570-M02

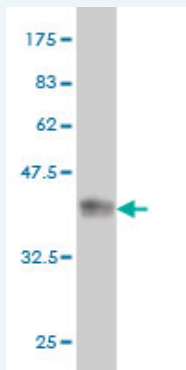
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant BAAT.
Immunogen:	BAAT (NP_001692, 258 a.a. ~ 355 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	NGTNFPFGIPQVYHGQIHQPLPHSAQLISTNALGLLELYRTFETTQVGAS QYLFPIEEAQQGQFLFIVGEGDKTINSKAHAEQAIGQLKRHGKNNWTLL
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.52 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

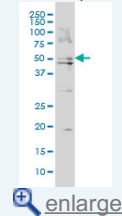
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

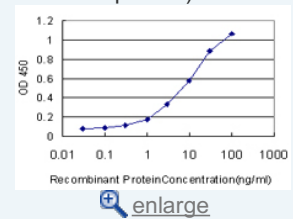
Application Image

Western Blot (Cell lysate)

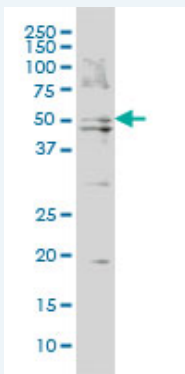


Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



ELISA



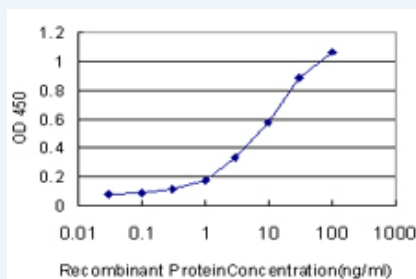
BAAT monoclonal antibody (M02), clone 5B6 Western Blot analysis of BAAT expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged BAAT is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [570](#)

GeneBank [NM_001701](#)

Accession#:

Protein [NP_001692](#)

Accession#:

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 OTTHUMP00000021802,bile acid Coenzyme A: amino acid N-acyltransferase,glycine N-choloyltransferase

Gene Pathway

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

Related Disease

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