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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 (M03), clone 1E4

Catalog # : H00000570-M03

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.

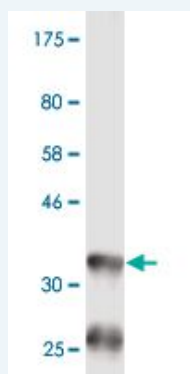
Sequence: NGTNFPFGIPQVYHGQIHQPLPHSAQLISTNALGELLELYRTFETTQVGAS
QYLFPIEEAQQGQFLFIVGEGDKTINSKAHAEQAIGQLKRHGKNNWTLL

Host: Mouse

Reactivity: Human

Isotype: IgG2a 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](#)

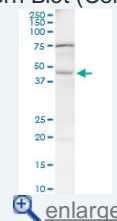
Datasheet:  [Download](#)

Applications

Western Blot (Cell lysate)

Application Image

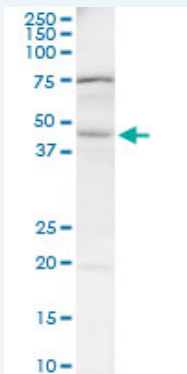
Western Blot (Cell lysate)



 [enlarge](#)

Western Blot (Recombinant protein)


ELISA



BAAT monoclonal antibody (M03), clone 1E4. Western Blot analysis of BAAT expression in HL-60(Cat # L014V1).

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [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 Designations: 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

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

