



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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BCAT1 monoclonal antibody (M02), clone 1F8

Catalog # : H00000586-M02

規格 : [100 ug]

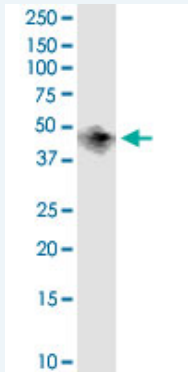
[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a full-length recombinant BCAT1.
Immunogen:	BCAT1 (AAH33864, 1 a.a. ~ 320 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MDCSNGCSAECTGEGGSKEVVGTFKAKDLIVTPATILKEKDPNNLVFG TVFTDHMLTVEWSSEFGWEKPHIKPLQNLSLHPGSSALHYAVELFEGLK AFRGVDNKIRLFQPNLNMDRMYRS AVRATLPVFDKEELLECIQQLVKLD QEWVPYSTASLYIRPTFIGTEPSLGVKKPTKALLFVLLSPVGPYFSSGT FNPVSLWANPKYVRAWKGGTGDCKMGGNYGSSLFAQCEAVDNGCQQ VLWLYGEDHQITEVGTMNLFLYWINEDEEELATPPLDGIIIPGVTRRCIL DLAHQWDEL S LFSINLPDFLQFIYF
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
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 (Tissue lysate)



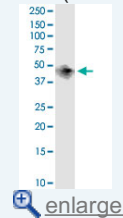
BCAT1 monoclonal antibody (M02), clone 1F8. Western Blot analysis of BCAT1 expression in human kidney.

[Protocol Download](#)

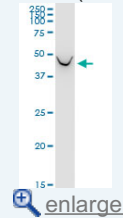
Western Blot (Cell lysate)

Application Image

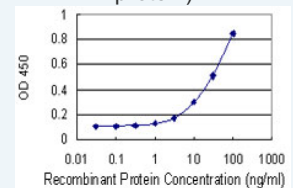
Western Blot (Tissue lysate)



Western Blot (Cell lysate)

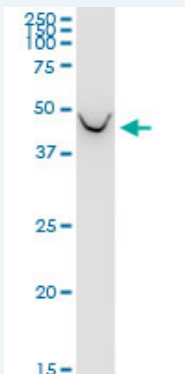


Sandwich ELISA (Recombinant protein)



[enlarge](#)

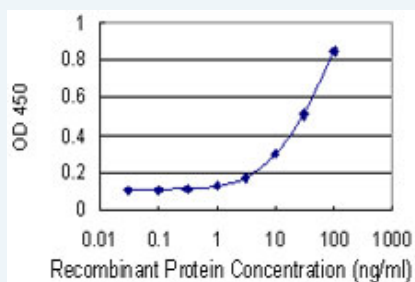
ELISA




BCAT1 monoclonal antibody (M02), clone 1F8. Western Blot analysis of BCAT1 expression in MCF-7.

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged BCAT1 is 1 ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [586](#)

GeneBank [BC033864](#)

Accession#:

Protein [AAH33864](#)

Accession#:

Gene Name: BCAT1

Gene Alias: BCT1, DKFZp686E12175, ECA39, MECA39, PNAS-121, PP18

Gene Description: branched chain aminotransferase 1, cytosolic

Omim ID: [113520](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes the cytosolic form of the enzyme branched-chain amino acid transaminase. This enzyme catalyzes the reversible transamination of branched-chain alpha-keto acids to branched-chain L-amino acids essential for cell growth. Two different clinical disorders have been attributed to a defect of branched-chain amino acid transamination: hypervalinemia and hyperleucine-isoleucinemia. As there is also a gene encoding a mitochondrial form of this enzyme, mutations in either gene may contribute to these disorders. [provided by RefSeq]

Other Designations: branched-chain-amino-acid aminotransferase, cytosolic, placental protein 18

Gene Pathway

[Biosynthesis of alkaloids derived from histidine and purine](#)

[Biosynthesis of alkaloids derived from shikimate pathway](#) [Metabolic pathways](#)

[Pantothenate and CoA biosynthesis](#) [Valine, leucine and isoleucine biosynthesis](#)

[Valine, leucine and isoleucine degradation](#)

Related Disease

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