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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BCAT1 purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00000586-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human BCAT1 protein.

Immunogen: BCAT1 (AAH33864, 1 a.a. ~ 320 a.a) full-length human protein.

Sequence:
 MDCSNGCSAECTGEGGSKEVVGTFKAKDLIVTPATILKEKPDNNLVFG
 TVFTDHMLTVEWSSEFGWEKPHIKPLQNLSLHPGSSALHYAVELFEGLK
 AFRGVDNKIRLFQPNLNMDRMYRS AVRATLPVFDKEELLECIQQLVKLD
 QEWWPYSTSASLYIRPTFIGTEPSLGVKKPTKALLFVLLSPVGPYFSSGT
 FNPVSLWANPKYVRAWKGGTGDCKMGGNYGSSLFAQCEAVDNGCQQ
 VLWLYGEDHQITEVGTMNLFLYWINEDGEEELATPPLDGIIILPGVTRRCIL
 DLAHQWDELSELFSINLPDFLQFIYF

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

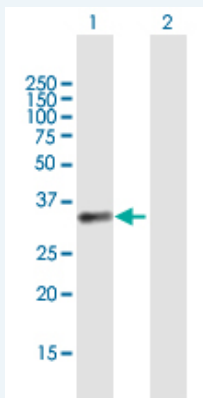
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of BCAT1 expression in transfected 293T cell line (H00000586-T01) by BCAT1 MaxPab polyclonal antibody.

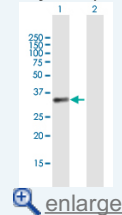
Lane 1: BCAT1 transfected lysate(35.31 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Application Image

Western Blot (Transfected lysate)



[enlarge](#)

Gene Information

Entrez GeneID: [586](#)

**GeneBank
Accession#:** [BC033864](#)

**Protein
Accession#:** [AAH33864](#)

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](#)

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