

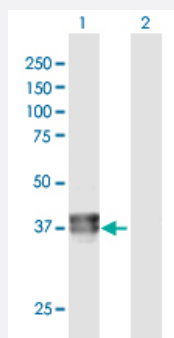
MaxPab®

BCAT2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000587-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of BCAT2 expression in transfected 293T cell line ([H00000587-T02](#)) by BCAT2 MaxPab polyclonal antibody.

Lane 1: BCAT2 transfected lysate(44.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human BCAT2 protein.

Immunogen

BCAT2 (NP_001181.2, 1 a.a. ~ 392 a.a) full-length human protein.

Sequence

MAAALGQIWARLLSVPWLLCGPRRYASSSFKAADLQLEMTQKPHKKPGGPEPLVFGKTFTDH
MLMVEWNDKGWGQPRIQPFQNLTLHPASSSLHYSLQLFEGMKAFKKGKDQQVRLFRPWLNMDR
MLRSAMRLCLPSFDKLELLECIIRLIEVDKDWVPDAAGTSLYVRPVLIGNEPSLGVSQPTRALLFVI
LCPVGAYFPGGSVTPVSLLADPAFIRAWVGGVGNKLGNYGPTVLVQQEALKRGCEQVLWLYG
PDHQLTEVGTMNIFVYWTHEDGVLELVTPPLNGVILPGVVRQSLLDMAQTWGEFRVVERTITMKQ
LLRALEEGRVREVFSGTACQVCPVHRILYKDRNLHIPTMENGPELILRFQKELKEIQYGIRAHWEM
FPV

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (83)

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.

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[Protocol Download](#)

Gene Info — BCAT2

Entrez GeneID [587](#)

GeneBank Accession# [NM_001190.2](#)

Protein Accession# [NP_001181.2](#)

Gene Name BCAT2

Gene Alias BCAM, BCT2

Gene Description branched chain aminotransferase 2, mitochondrial

Omim ID [113530](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a branched chain aminotransferase found in mitochondria. The encoded protein forms a dimer that catalyzes the first step in the production of the branched chain amino acids leucine, isoleucine, and valine. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations -

Pathway

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

- [Metabolic pathways](#)
- [Pantothenate and CoA biosynthesis](#)
- [Valine](#)
- [Valine](#)