

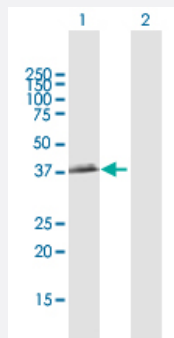
MaxPab®

BCAT2 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00000587-D01

Size 100 uL

Applications

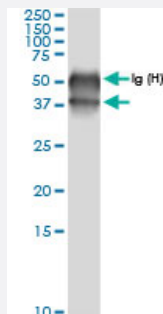


Western Blot (Transfected lysate)

Western Blot analysis of BCAT2 expression in transfected 293T cell line ([H00000587-T01](#)) by BCAT2 MaxPab polyclonal antibody.

Lane 1: BCAT2 transfected lysate(44.30 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of BCAT2 transfected lysate using anti-BCAT2 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with BCAT2 MaxPab rabbit polyclonal antibody (D01) ([H00000587-D01](#)).

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

MAAAALGQMARKLLSVPWLLCGPRRYASSSFKAADLQLEMTQKPHKKPGPGGEPLVFGKTFTDH
MLMVEWNDKGWGGPQRIQPFQNLTLHPASSSLHYSLQLFEGMKAFKKGKDQQVRLFRPWLNMDR
MLRSAMRLCLPSFDKLELLECIRRLIEVDKDWVPDAAGTSLYVRPVLIGNESLGVSQPTRALLFVI
LCPVGAYFPGGSVTPVSLLADPAFIRAWVGGVGNKLGNGYPTVLVQQEALKRGCEQVLWL YG
PDHQLTEVGTMNIFVYWTHEDGVLELVTPPLNGVILPGVVRQSLLDMAQTWGEFRVVERTITMKQ
LLRALEEGRVREVFSGTACQVCPVHRILYKDRNLHIPTMENGPELILRFQKELKEIQYGIRAEHWM
FPV

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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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

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Pathway

- [Biosynthesis of alkaloids derived from histidine and purine](#)
- [Biosynthesis of alkaloids derived from shikimate pathway](#)
- [Metabolic pathways](#)
- [Pantothenate and CoA biosynthesis](#)
- [Valine](#)
- [Valine](#)