

DNAxPAb

Hard-to-Find
Antibody

BCAT2 DNAxPab

Catalog # H00000587-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human BCAT2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MAAAALGQIWARLLSVPWLLCGPRRYASSSFKAADLQLEMTQKPHKKPGPGPEPLVFGKTFTDH
MLMVEWNDKGWGQPRIQPFQNLTLHPASSSLHYSLQLFEGMKAFKGGKDDQVRLFRPWLNMDR
MLRSAMRLCLPSFDKLELLECIRRLIEVDKDWVPDAAGTSLYVRPVLIGNEPSLGVSQPTRALLFVI
LCPVGAYFPGGSVTPVSLLADPAFIRAWVGGVGNKLGNGYGPVTLVQQEALRGCEQVLWL
PDHQLTEVGTMNIFVYWTHTEDGVLELVTPPLNGVILPGVVRQSLLDMAQTWGEFRVVERTITMKQ
LLRALEEGRVREVFSGTACQVCPVHRILYKDRNLHIPTMENGPELILRFQKELKEIQYGIRAHW
FPV

Host Rabbit

Reactivity Human

Purification Protein A

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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)