

BCAT2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12896b**Specification**

BCAT2 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [O15382](#)**BCAT2 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 587**Other Names**

Branched-chain-amino-acid aminotransferase, mitochondrial, BCAT(m), Placental protein 18, PP18, BCAT2, BCATM, BCT2, ECA40

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BCAT2 Antibody (C-term) Blocking peptide - Protein Information**Name** BCAT2**Function**

Catalyzes the first reaction in the catabolism of the essential branched chain amino acids leucine, isoleucine, and valine (PubMed:8702755, PubMed:25653144, PubMed:17050531). May also function as a transporter of branched chain alpha-keto acids (By similarity).

Cellular Location

Mitochondrion {ECO:0000250|UniProtKB:O35854}.

Tissue Location

Ubiquitous..

BCAT2 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

BCAT2 Antibody (C-term) Blocking peptide - Images

BCAT2 Antibody (C-term) Blocking peptide - Background

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.

BCAT2 Antibody (C-term) Blocking peptide - References

Coles, S.J., et al. Biochemistry 48(3):645-656(2009) Yennawar, N.H., et al. J. Biol. Chem. 281(51):39660-39671(2006) Goto, M., et al. J. Biol. Chem. 280(44):37246-37256(2005) Conway, M.E., et al. Biochemistry 43(23):7356-7364(2004) Yennawar, N., et al. Acta Crystallogr. D Biol. Crystallogr. 57 (PT 4), 506-515 (2001) :