

BCAT2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6950c**Specification**

BCAT2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [O15382](#)**BCAT2 Antibody (Center) 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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6950c](/products/AP6950c) was selected from the Center region of human BCAT2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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 (Center) 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](http://www.uniprot.org/citations/8702755), PubMed: [25653144](http://www.uniprot.org/citations/25653144), PubMed: [17050531](http://www.uniprot.org/citations/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 (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

BCAT2 Antibody (Center) Blocking Peptide - Images

BCAT2 Antibody (Center) Blocking Peptide - Background

BCAT2 is a branched chain aminotransferase found in mitochondria. This protein forms a dimer that catalyzes the first step in the production of the branched chain amino acids leucine, isoleucine, and valine.

BCAT2 Antibody (Center) Blocking Peptide - References

Goto,M., et.al., J. Biol. Chem. 280 (44), 37246-37256 (2005)