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

Specification

BCAT2 Antibody (Center) Blocking Peptide - Product Information

Primary 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 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, 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 (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)