

MCCC2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18978b**Specification**

MCCC2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O9HCC0](#)**MCCC2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 64087**Other Names**

Methylcrotonyl-CoA carboxylase beta chain, mitochondrial, MCCase subunit beta, 3-methylcrotonyl-CoA carboxylase 2, 3-methylcrotonyl-CoA carboxylase non-biotin-containing subunit, 3-methylcrotonyl-CoA:carbon dioxide ligase subunit beta, MCCC2, MCCB

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.

MCCC2 Antibody (C-term) Blocking Peptide - Protein Information**Name** MCCC2**Synonyms** MCCB**Function**

Carboxyltransferase subunit of the 3-methylcrotonyl-CoA carboxylase, an enzyme that catalyzes the conversion of 3-methylcrotonyl-CoA to 3-methylglutaconyl-CoA, a critical step for leucine and isovaleric acid catabolism.

Cellular Location

Mitochondrion matrix

MCCC2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MCCC2 Antibody (C-term) Blocking Peptide - Images**MCCC2 Antibody (C-term) Blocking Peptide - Background**

This gene encodes the small subunit of 3-methylcrotonyl-CoA carboxylase. This enzyme functions as a heterodimer and catalyzes the carboxylation of 3-methylcrotonyl-CoA to form 3-methylglutaconyl-CoA. Mutations in this gene are associated with 3-Methylcrotonylglycinuria, an autosomal recessive disorder of leucine catabolism.

MCCC2 Antibody (C-term) Blocking Peptide - References

Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010)
Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010)
Cho, Y.S., et al. Proteins 70(1):268-272(2008)
Uematsu, M., et al. J. Hum. Genet. 52(12):1040-1043(2007)
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