

MCCC1 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5676c**Specification**

MCCC1 Antibody (Center) Blocking peptide - Product Information

Primary Accession [O96RQ3](#)
Other Accession [NP_064551.3](#)

MCCC1 Antibody (Center) Blocking peptide - Additional Information

Gene ID 56922

Other Names

Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial, MCCase subunit alpha, 3-methylcrotonyl-CoA carboxylase 1, 3-methylcrotonyl-CoA carboxylase biotin-containing subunit, 3-methylcrotonyl-CoA:carbon dioxide ligase subunit alpha, MCCC1, MCCA

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.

MCCC1 Antibody (Center) Blocking peptide - Protein Information

Name MCCC1

Synonyms MCCA

Function

Biotin-attachment 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

MCCC1 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MCCC1 Antibody (Center) Blocking peptide - Images

MCCC1 Antibody (Center) Blocking peptide - Background

MCCC1 is the large 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.

MCCC1 Antibody (Center) Blocking peptide - References

Holzinger, A., et al. Hum. Mol. Genet. 10(12):1299-1306(2001) Obata, K., et al. Genomics 72(2):145-152(2001) Baumgartner, M.R., et al. J. Clin. Invest. 107(4):495-504(2001) Gallardo, M.E., et al. Am. J. Hum. Genet. 68(2):334-346(2001)