

MLYCD Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP19619a**Specification**

MLYCD Antibody (N-term) Blocking Peptide - Product Information**MLYCD Antibody (N-term) Blocking Peptide - Additional Information****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.

MLYCD Antibody (N-term) Blocking Peptide - Protein Information**MLYCD Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

MLYCD Antibody (N-term) Blocking Peptide - Images**MLYCD Antibody (N-term) Blocking Peptide - Background**

The product of this gene catalyzes the breakdown of malonyl-CoA to acetyl-CoA and carbon dioxide. Malonyl-CoA is an intermediate in fatty acid biosynthesis, and also inhibits the transport of fatty acyl CoAs into mitochondria. Consequently, the encoded protein acts to increase the rate of fatty acid oxidation. It is found in mitochondria, peroxisomes, and the cytoplasm. Mutations in this gene result in malonyl-CoA decarboxylase deficiency.

MLYCD Antibody (N-term) Blocking Peptide - References

Sutendra, G., et al. Sci Transl Med 2 (44), 44RA58 (2010) ; Lu, Y., et al. J. Lipid Res. 49(12):2582-2589(2008) ; Yatscoff, M.A., et al. Pediatr. Res. 64(6):643-647(2008) ; Bouzakri, K., et al. Diabetes 57(6):1508-1516(2008) ; Salomons, G.S., et al. J. Inherit. Metab. Dis. 30(1):23-28(2007)