

MYLK3 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP11849c**Specification**

MYLK3 Antibody (Center) Blocking peptide - Product Information

Primary Accession [Q32MK0](#)

MYLK3 Antibody (Center) Blocking peptide - Additional Information

Gene ID 91807

Other Names

Myosin light chain kinase 3, Cardiac-MyBP-C-associated Ca/CaM kinase, Cardiac-MLCK, MYLK3, MLCK

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.

MYLK3 Antibody (Center) Blocking peptide - Protein Information

Name MYLK3

Synonyms MLCK

Function

Kinase that phosphorylates MYL2 in vitro. Promotes sarcomere formation in cardiomyocytes and increases cardiomyocyte contractility (By similarity).

Cellular Location

Cytoplasm.

Tissue Location

Restricted to heart..

MYLK3 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

MYLK3 Antibody (Center) Blocking peptide - Images

MYLK3 Antibody (Center) Blocking peptide - Background

This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This gene is located on chromosome 13 within the minimal deletion region for B-cell chronic lymphocytic leukemia. Multiple alternatively spliced transcript variants have been found for this gene.

MYLK3 Antibody (Center) Blocking peptide - References

Lerner, M., et al. Mol. Biol. Cell 18(5):1670-1682(2007) Skoblov, M., et al. Biochem. Biophys. Res. Commun. 342(3):859-866(2006) Corcoran, M.M., et al. Genes Chromosomes Cancer 40(4):285-297(2004) Dunham, A., et al. Nature 428(6982):522-528(2004) van Everdink, W.J., et al. Cancer Genet. Cytogenet. 146(1):48-57(2003)