

LMOD2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10364a**Specification**

LMOD2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O6P5Q4](#)
Other Accession [NP_997046.1](#)

LMOD2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 442721

Other Names

Leiomodrin-2, Cardiac leiomodrin, C-LMOD, LMOD2

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.

LMOD2 Antibody (N-term) Blocking peptide - Protein Information

Name LMOD2

Function

Mediates nucleation of actin filaments and thereby promotes actin polymerization (PubMed:18403713, PubMed:26370058, PubMed:25250574, PubMed:26417072). Plays a role in the regulation of actin filament length (By similarity). Required for normal sarcomere organization in the heart, and for normal heart function (PubMed:18403713).

Cellular Location

Cytoplasm, myofibril, sarcomere. Cytoplasm, myofibril. Cytoplasm, myofibril, sarcomere, M line. Cytoplasm, cytoskeleton. Note=Colocalizes with actin filaments in sarcomeres. Detected close to the M line

Tissue Location

Specifically expressed in heart and skeletal muscles, with higher levels in heart (at protein level). Not expressed in other tissues.

LMOD2 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

LMOD2 Antibody (N-term) Blocking peptide - Images**LMOD2 Antibody (N-term) Blocking peptide - References**

Chereau, D., et al. Science 320(5873):239-243(2008) Lane, H.Y., et al. J Clin Psychopharmacol 26(2):128-134(2006) Conley, C.A., et al. Genomics 73(2):127-139(2001)