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MYL4 Antibody(N-term) Blocking peptide
Synthetic peptide
Catalog # BP19460a

Specification

MYL4 Antibody(N-term) Blocking peptide - Product Information

Primary Accession P12829

MYL4 Antibody(N-term) Blocking peptide - Additional Information

Gene ID 4635

Other Names
Myosin light chain 4, Myosin light chain 1, embryonic muscle/atrial isoform, Myosin light chain alkali GT-1 isoform, MYL4, MLC1

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.

MYL4 Antibody(N-term) Blocking peptide - Protein Information

Name MYL4

Synonyms MLC1

Function
Regulatory light chain of myosin. Does not bind calcium.

MYL4 Antibody(N-term) Blocking peptide - Protocols

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

- Blocking Peptides

MYL4 Antibody(N-term) Blocking peptide - Images

MYL4 Antibody(N-term) Blocking peptide - Background

Myosin is a hexameric ATPase cellular motor protein. It iscomposed of two myosin heavy chains, two nonphosphorylatable myosinalkali light chains, and two phosphorylatable myosin

regulatorylight chains. This gene encodes a myosin alkali light chain that isfound in embryonic muscle and adult atria. Two alternativelyspliced transcript variants encoding the same protein have beenfound for this gene.

MYL4 Antibody(N-term) Blocking peptide - References

Haase, H., et al. FASEB J. 20(7):865-873(2006)Abdelaziz, A.I., et al. Adv. Exp. Med. Biol. 565, 283-292 (2005) :Abdelaziz, A.I., et al. J. Mol. Med. 82(4):265-274(2004)Arrell, D.K., et al. Circ. Res. 89(6):480-487(2001)Arrell, D.K., et al. Circ. Res. 89(6):480-487(2001)