

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

MYL4 Antibody(N-term) Blocking peptide - Product InformationPrimary 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 is composed of two myosin heavy chains, two nonphosphorylatable myosin alkali light chains, and two phosphorylatable myosin

regulatory light chains. This gene encodes a myosin alkali light chain that is found in embryonic muscle and adult atria. Two alternatively spliced transcript variants encoding the same protein have been found 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)