

MYL3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14492a**Specification**

MYL3 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P08590](#)**MYL3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 4634**Other Names**

Myosin light chain 3, Cardiac myosin light chain 1, CMLC1, Myosin light chain 1, slow-twitch muscle B/ventricular isoform, MLC1SB, Ventricular/slow twitch myosin alkali light chain, MYL3

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.

MYL3 Antibody (N-term) Blocking Peptide - Protein Information**Name** MYL3 ([HGNC:7584](#))**Function**

Regulatory light chain of myosin. Does not bind calcium.

MYL3 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MYL3 Antibody (N-term) Blocking Peptide - Images**MYL3 Antibody (N-term) Blocking Peptide - Background**

MYL3 encodes myosin light chain 3, an alkali light chain also referred to in the literature as both the ventricular isoform and the slow skeletal muscle isoform. Mutations in MYL3 have been identified as a cause of mid-left ventricular chamber type hypertrophic cardiomyopathy.

MYL3 Antibody (N-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Girolami, F., et al. J. Am. Coll. Cardiol. 55(14):1444-1453(2010)Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)McLeod, C.J., et al. Am. Heart J. 158(5):799-805(2009)Kaski, J.P., et al. Circ Cardiovasc Genet 2(5):436-441(2009)