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MYL6B Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18648c

Specification

MYL6B Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P14649
Other Accession	NP_002466.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**22764**
Antigen Region	**96-123**

MYL6B Antibody (Center) - Additional Information

Gene ID 140465

Other Names
Myosin light chain 6B, Myosin light chain 1 slow-twitch muscle A isoform, MLC1sa, Smooth muscle and nonmuscle myosin light chain alkali 6B, MYL6B, MLC1SA

Target/Specificity
This MYL6B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-123 amino acids from the Central region of human MYL6B.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
MYL6B Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MYL6B Antibody (Center) - Protein Information

Name MYL6B

Synonyms MLC1SA

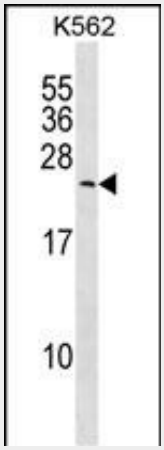
Function Regulatory light chain of myosin. Does not bind calcium.

MYL6B Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MYL6B Antibody (Center) - Images



MYL6B Antibody (Center) (Cat. #AP18648c) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the MYL6B antibody detected the MYL6B protein (arrow).

MYL6B Antibody (Center) - Background

Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain expressed in both slow-twitch skeletal muscle and in nonmuscle tissue.

MYL6B Antibody (Center) - References

Pathmanathan, S., et al. Mol. Cell. Biochem. 318 (1-2), 43-51 (2008) :
Coureux, P.D., et al. EMBO J. 23(23):4527-4537(2004)
Webb, R.C. Adv Physiol Educ 27 (1-4), 201-206 (2003) :
Komiyama, M., et al. J. Cell. Sci. 109 (PT 8), 2089-2099 (1996) :
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