

**MLC1SA Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP57325****Specification****MLC1SA Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">P14649</a>
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MYL6B
Epitope Specificity	1-100/208
Isotype	IgG
<b>Purity</b>	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 3 EF-hand domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Background Descriptions**

bs-18950P is onesynthetic peptide derived from human MYL6B. 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

**MLC1SA Polyclonal Antibody - 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

**Dilution**

IHC-P~~N/A  
IHC-F~~N/A  
IF~~1:50~200  
ICC~~N/A

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**MLC1SA Polyclonal Antibody - Protein Information**

**Name** MYL6B

**Synonyms** MLC1SA

**Function**

Regulatory light chain of myosin. Does not bind calcium.

**MLC1SA Polyclonal Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MLC1SA Polyclonal Antibody - Images**