

MYL6 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18440c

Specification

MYL6 Antibody (Center) - Product Information

| | |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application | WB,E |
| Primary Accession | P60660 |
| Other Accession | Q64119 , P60662 , Q60605 , P60661 , P14649 , NP_066299.2 |
| Reactivity | Human |
| Predicted | Bovine, Mouse, Pig, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 16930 |
| Antigen Region | 32-59 |

MYL6 Antibody (Center) - Additional Information

Gene ID 4637

Other Names

Myosin light polypeptide 6, 17 kDa myosin light chain, LC17, Myosin light chain 3, MLC-3, Myosin light chain alkali 3, Myosin light chain A3, Smooth muscle and nonmuscle myosin light chain alkali 6, MYL6

Target/Specificity

This MYL6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 32-59 amino acids from the Central region of human MYL6.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

MYL6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

MYL6 Antibody (Center) - Protein Information

Name MYL6

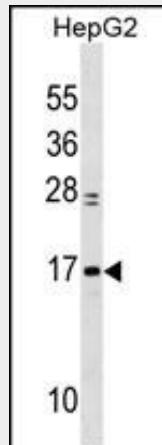
Function Regulatory light chain of myosin. Does not bind calcium.

MYL6 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 Cytometry](#)
- [Cell Culture](#)

MYL6 Antibody (Center) - Images



MYL6 Antibody (Center) (Cat. #AP18440c) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the MYL6 Antibody detected the MYL6 protein (arrow).

MYL6 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 that is expressed in smooth muscle and non-muscle tissues. Genomic sequences representing several pseudogenes have been described and two transcript variants encoding different isoforms have been identified for this gene.

MYL6 Antibody (Center) - References

Rikova, K., et al. Cell 131(6):1190-1203(2007)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Fu, Z.Y., et al. Acta Biochim. Biophys. Sin. (Shanghai) 38(9):625-632(2006)
Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)
Webb, R.C. Adv Physiol Educ 27 (1-4), 201-206 (2003) :