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MYL6 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18440c

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, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38602
Calculated MW	16930
Antigen Region	32-59

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.

Protein Information

Name	MYL6
Function	Regulatory light chain of myosin. Does not bind calcium.

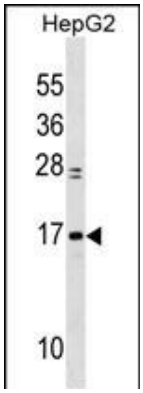
Background

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.

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) :

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.