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MYL9 Rabbit mAb

Catalog # AP77052

Product Information

Application	WB, IHC-P, IP
Primary Accession	P24844
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human MYL9
Purification	Affinity Purified
Calculated MW	19827

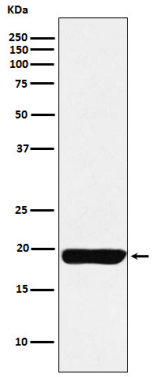
Additional Information

Gene ID	10398
Other Names	MYL9
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	MYL9 {ECO:0000303|PubMed:29453416, ECO:0000312|HGNC:HGNC:15754}
Function	Myosin regulatory subunit that plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation (PubMed:11942626, PubMed:2526655). Implicated in cytokinesis, receptor capping, and cell locomotion (PubMed:11942626, PubMed:2526655). In myoblasts, may regulate PIEZO1- dependent cortical actomyosin assembly involved in myotube formation (By similarity).
Cellular Location	Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q9CQ19}. Cytoplasm, cell cortex {ECO:0000250|UniProtKB:Q9CQ19}. Note=Colocalizes with F-actin, MYH9 and PIEZO1 at the actomyosin cortex in myoblasts {ECO:0000250|UniProtKB:Q9CQ19}
Tissue Location	Smooth muscle tissues and in some, but not all, nonmuscle cells.

Images



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