

Rabbit MYL9 Polyclonal Antibody | anti-MYL9 antibody

MYL9 Polyclonal Antibody

CATALOG # AAA177614	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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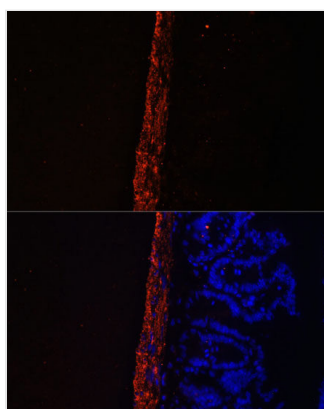
PRODUCT SYNONYMS

MYL9; Polyclonal Antibody; MYL9 Polyclonal Antibody; LC20; MLC-2C; MLC2; MRLC1; MYRL2; anti-MYL9 antibody

PRODUCT SPECIFICATIONS

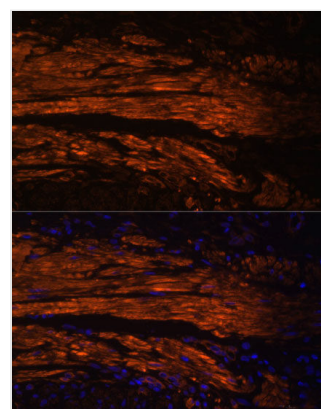
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MYL9 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide of human MYL9 (NP_0060882)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



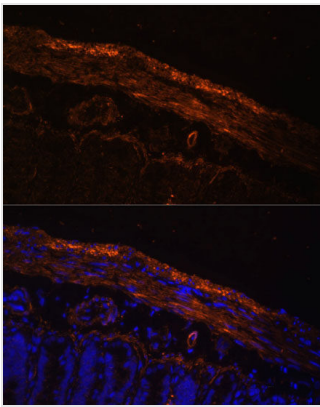
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse intestine using MYL9 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



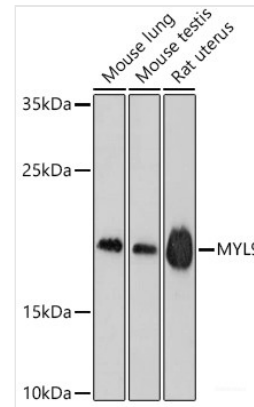
IF (Immunofluorescence)

Immunofluorescence analysis of Human colon carcinoma using MYL9 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of Rat intestine using MYL9 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using MYL9 Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-MYL9 antibody	Myosin, a structural component of muscle, consists of two heavy chains and four light chains. The protein encoded by this gene is a myosin light chain that may regulate muscle contraction by modulating the ATPase activity of myosin heads. The encoded protein binds calcium and is activated by myosin light chain kinase. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-MYL9 antibody	Cancer; Cardiovascular; Signal Transduction; Stem Cells; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	31563524
NCBI GeneID	10398
NCBI Accession #	NP_852667.1
NCBI GenBank Nucleotide #	NM_181526.2
UniProt Accession #	P24844; Q9BQL9; Q9BUF9; Q9H136; E1P5T6
Molecular Weight	19,827 Da
NCBI Official Full Name	myosin regulatory light polypeptide 9 isoform b
NCBI Official Synonym Full Names	myosin, light chain 9, regulatory
NCBI Official Symbol	MYL9
NCBI Official Synonym Symbols	LC20; MLC2; MRLC1; MYRL2; MLC-2C
NCBI Protein Information	myosin regulatory light polypeptide 9; myosin RLC; 20 kDa myosin light chain; myosin regulatory light chain 1; myosin regulatory light chain 9; myosin regulatory light chain MRLC1; myosin, light polypeptide 9, regulatory; myosin regulatory light chain 2
UniProt Protein Name	Myosin regulatory light polypeptide 9
UniProt Gene Name	MYL9
UniProt Synonym Gene Names	MLC2; MRLC1; MYRL2; LC20
UniProt Entry Name	MYL9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

