

Rabbit MYL9 Polyclonal Antibody | anti-MYL9 antibody

MYL9 Antibody (C-term)

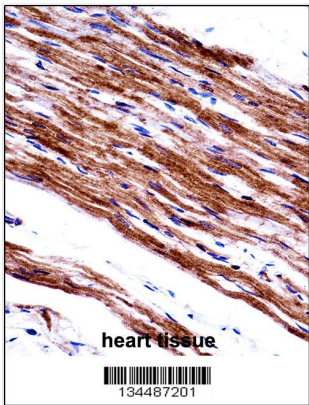
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285212	Rabbit	Human (Predicted Reactivity: Chicken, Mouse, Pig, Rat)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

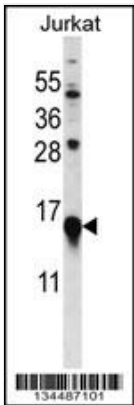
MYL9; Polyclonal Antibody; MYL9 Antibody (C-term); Myosin regulatory light polypeptide 9; 20 kDa myosin light chain; LC20; MLC-2C; Myosin RLC; Myosin regulatory light chain 2; smooth muscle isoform; Myosin regulatory light chain 9; Myosin regulatory light chain MRLC1; MLC2; MRLC1; MYRL2; anti-MYL9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MYL9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-125 amino acids from the C-terminal region of human MYL9.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	96-125
Sequence Length	118
Applicable Applications for anti-MYL9 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
MYL9 Antibody (C-term) (AAA285212)immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MYL9 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
MYL9 Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the MYL9 antibody detected the MYL9 protein (arrow).

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	Cardiovascular; Signal Transduction
References	Gilles, L., et al. Blood 114(19):4221-4232(2009) Higashihara, M., et al. J Smooth Muscle Res 44(1):29-40(2008) Szczesna-Cordary, D., et al. J. Cell. Sci. 118 (PT 16), 3675-3683 (2005) : Webb, R.C. Adv Physiol Educ 27 (1-4), 201-206 (2003) : Deloukas, P., et al. Nature 414(6866):865-871(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	29568111
NCBI GeneID	10398
NCBI Accession #	NP_006088.2 ; NP_852667.1
NCBI GenBank Nucleotide #	NM_006097.4
UniProt Accession #	P24844 ; Q9BQL9 ; Q9BUF9 ; Q9H136 ; E1P5T6
Molecular Weight	19827
NCBI Official Full Name	myosin regulatory light polypeptide 9 isoform a
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/myl9-antibody-immunohistochemistry-western-blot-elisa/285212>