

Rabbit MYL9 Polyclonal Antibody | anti-MYL9 antibody

MYL9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301828	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

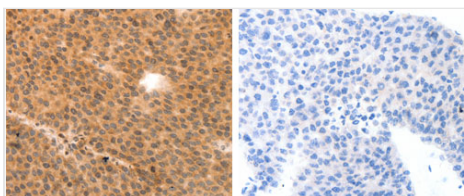
PRODUCT SYNONYMS

MYL9; Polyclonal Antibody; MYL9 Antibody; myosin; light chain 9; regulatory; LC20; MLC2; MRLC1; MYRL2; MLC-2C; anti-MYL9 antibody

PRODUCT SPECIFICATIONS

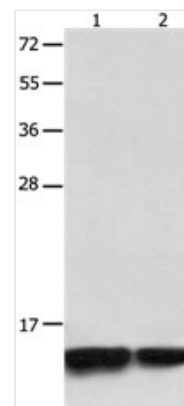
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MYL9 protein.
Form/Format	Supplied at 3mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	172
Applicable Applications for anti-MYL9 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 2-14 amino acids of Human myosin, light chain 9, regulatory
Target Name	MYL9
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 31244(MYL9 Antibody) at dilution 1/80, on the right is treated with the synthetic peptide.



Application Data

Gel: 12%SDS-PAGE
Lane1: Jurkat cell lysate
Lane2: 231 cell lysate
Lysates: 40 ug per lane
Primary antibody: 1/1500 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution
Exposure time: 30 seconds

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	29568111
NCBI GeneID	10398
NCBI Accession #	NP_006088
NCBI GenBank Nucleotide #	NM_006097.4
Molecular Weight	13,866 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/myl9-antibody-immunohistochemistry-western-blot-elisa/301828>