

Rabbit MYL7 Polyclonal Antibody | anti-MYL7 antibody

MYL7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325364	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

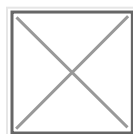
PRODUCT SYNONYMS

MYL7; Polyclonal Antibody; MYL7 Antibody; zgc:92755; atrial isoform; cmlc2; MGC92755; MLC-2a; MLC2a; MLCK; cardiac; MLRA_HUMAN; MYL2A; Mylc2a; Myosin light chain 2a; Myosin light chain 7 regulatory; Myosin light polypeptide 7 regulatory; Myosin regulatory light chain 2; Myosin regulatory light chain 2 atrial isoform; Myosin regulatory light chain 7; anti-MYL7 antibody

PRODUCT SPECIFICATIONS

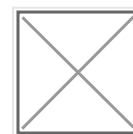
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MYL7 antibody detects endogenous levels of total MYL7
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	175
Applicable Applications for anti-MYL7 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Predominantly expressed in adult atrial muscle.
Predicted Cross Reactivity	Pig, Bovine, Horse, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325364 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from COS7 cells, using MYL7 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MYL7 antibody	Function: This chain binds calcium. Subunit Structure: Myosin is a hexamer of 2 heavy chains and 4 light chains.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10864037
NCBI GeneID	58498
NCBI Accession #	NP_067046.1
NCBI GenBank Nucleotide #	NM_021223.2
UniProt Accession #	Q01449; B2R4L3
Molecular Weight	Observed: 18 kD Predicted: 20 kDa
NCBI Official Full Name	myosin regulatory light chain 2, atrial isoform
NCBI Official Synonym Full Names	myosin light chain 7
NCBI Official Symbol	MYL7
NCBI Official Synonym Symbols	MYL2A; MYLC2A
NCBI Protein Information	myosin regulatory light chain 2, atrial isoform
UniProt Protein Name	Myosin regulatory light chain 2, atrial isoform
UniProt Gene Name	MYL7
UniProt Synonym Gene Names	MYL2A; MYLC2A; MLC-2a; MLC2a; Myosin light chain 2a

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/myl7-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325364>