

Rabbit MYL2 Polyclonal Antibody | anti-MYL2 antibody

MYL2 Polyclonal Antibody

CATALOG # AAA281196	HOST Rabbit	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
-------------------------------	-----------------------	--

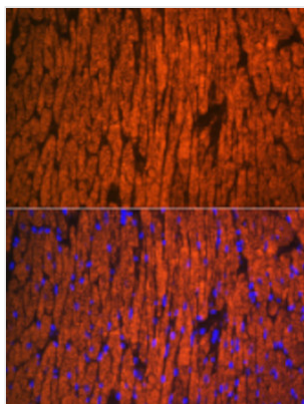
PRODUCT SYNONYMS

MYL2; Polyclonal Antibody; MYL2 Polyclonal Antibody; CMH10; MLC-2s/v; MLC2;; anti-MYL2 antibody

PRODUCT SPECIFICATIONS

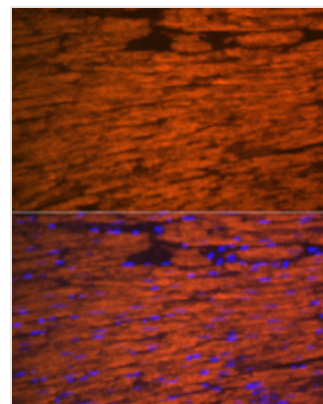
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	166
Applicable Applications for anti-MYL2 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-166 of human MYL2 (P10916).
Species Reactivity / Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



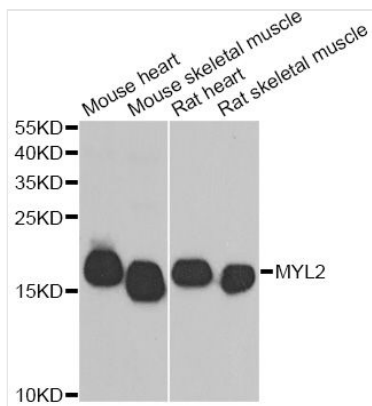
IF (Immunofluorescence)

Immunofluorescence analysis of mouse heart using MYL2 Rabbit pAb (AAA281196) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of rat heart using MYL2 Rabbit pAb (AAA281196) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MYL2 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-MYL2 antibody	Thus gene encodes the regulatory light chain associated with cardiac myosin beta (or slow) heavy chain. Ca ⁺ triggers the phosphorylation of regulatory light chain that in turn triggers contraction. Mutations in this gene are associated with mid-left ventricular chamber type hypertrophic cardiomyopathy.
Product Categories/Family for anti-MYL2 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	94981553
NCBI GeneID	4633
NCBI Accession #	NP_000423.2
NCBI GenBank Nucleotide #	NM_000432.3
UniProt Accession #	P10916 ; Q16123
Molecular Weight	Calculated: 18kDa Observed: 19kDa
NCBI Official Full Name	myosin regulatory light chain 2, ventricular/cardiac muscle isoform
NCBI Official Synonym Full Names	myosin light chain 2
NCBI Official Symbol	MYL2
NCBI Official Synonym Symbols	MLC2; CMH10; MLC-2s/v
NCBI Protein Information	myosin regulatory light chain 2, ventricular/cardiac muscle isoform
UniProt Protein Name	Myosin regulatory light chain 2, ventricular/cardiac muscle isoform
UniProt Gene Name	MYL2
UniProt Synonym Gene Names	MLC-2s/v

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/myl2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/281196>