

Datasheet for ABIN7433171
anti-MYL1 antibody (AA 3-142)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	MYL1
Binding Specificity:	AA 3-142
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Myosin Light Chain 1 (MYL1)
Immunogen:	Recombinant Myosin Light Chain 1 (MYL1) corresponding to Phe3~Ala142 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MYL1. It has been selected for its ability to recognize MYL1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

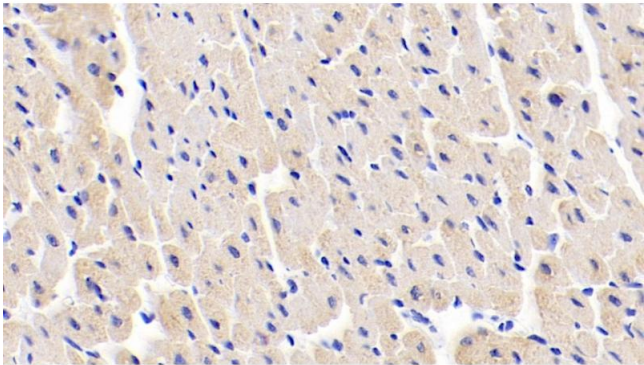
Target:	MYL1
Alternative Name:	Myosin Light Chain 1 (MYL1 Products)
Background:	MLC1, MLC1F, MLC3F, Myosin light chain 1/3, skeletal muscle isoform, Myosin light chain A1/A2, Myosin Light Chain 1, Alkali, Fast Skeletal

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

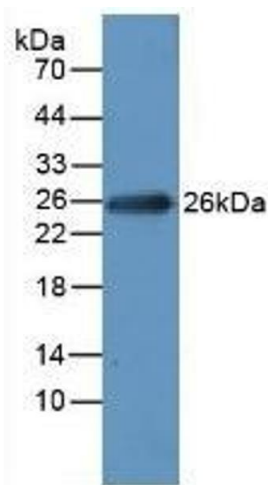
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



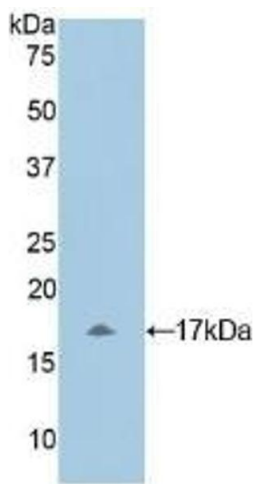
Immunohistochemistry

Image 1. Detection of MYL1 in Human Cardiac Muscle Tissue using Polyclonal Antibody to Myosin Light Chain 1 (MYL1)



Western Blotting

Image 2. Detection of MYL1 in Rat Heart Tissue using Polyclonal Antibody to Myosin Light Chain 1 (MYL1)



Western Blotting

Image 3. Detection of Recombinant MYL1, Human using Polyclonal Antibody to Myosin Light Chain 1 (MYL1)