

Datasheet for ABIN6243895
anti-MYL1 antibody (AA 24-58)[Go to Product page](#)

2 Images

Overview

Quantity:	200 µL
Target:	MYL1
Binding Specificity:	AA 24-58
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MYL1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 24-58 amino acids from the human region of human MYL1.
Clone:	RB57781
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MYL1
Alternative Name:	MYL1 (MYL1 Products)
Background:	Regulatory light chain of myosin. Does not bind calcium.

Target Details

Molecular Weight: 21145

UniProt: [P05976](#)

Application Details

Application Notes: WB: 1:2000. IHC-P: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

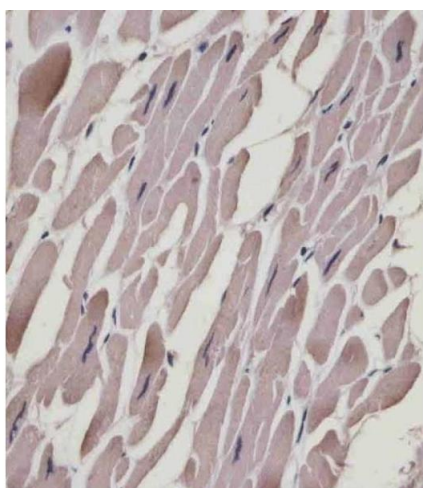
Preservative: Sodium azide

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

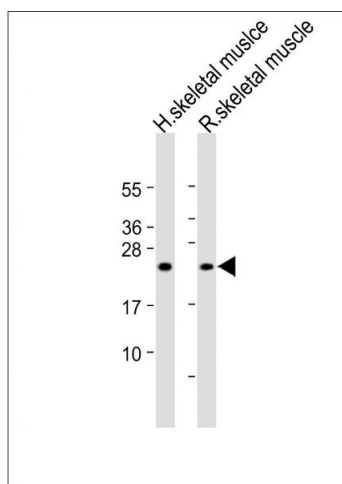
Expiry Date: 6 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. (ABIN6243895 and ABIN6578867) staining MYL1 in human heart tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Western Blotting

Image 2. All lanes : Anti-MYL1 Antibody (N-Term) at 1:2000 dilution Lane 1: Human skeletal muscle lysate Lane 2: Rat skeletal muscle lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 21 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.