

Datasheet for ABIN7160514  
**anti-MYF5 antibody (AA 1-255)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	MYF5
Binding Specificity:	AA 1-255
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYF5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Recombinant Human Myogenic factor 5 protein (1-255AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

## Target Details

Target:	MYF5
Alternative Name:	MYF5 ( <a href="#">MYF5 Products</a> )
Background:	Background: Acts as a transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation. Together with MYOG and MYOD1, co-

## Target Details

occupies muscle-specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.

Aliases: bHLHc2 antibody, Class C basic helix loop helix protein 2 antibody, Class C basic helix-loop-helix protein 2 antibody, Myf 5 antibody, Myf-5 antibody, Myf5 antibody, MYF5\_HUMAN antibody, Myogenic factor 5 antibody

UniProt: [P13349](#)

Pathways: [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

## Handling

Format: Liquid

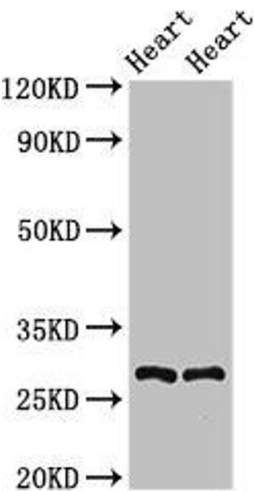
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

**Image 1.** Western Blot Positive WB detected in: Rat heart tissue, Mouse heart tissue All lanes: MYF5 antibody at 2.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 29 kDa Observed band size: 29 kDa