

Datasheet for ABIN6263468  
**anti-MYH7 antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	MYH7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYH7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

## Product Details

Immunogen:	A synthesized peptide derived from human MYH7, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	MYH7 Antibody detects endogenous levels of total MYH7.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	MYH7
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## Target Details

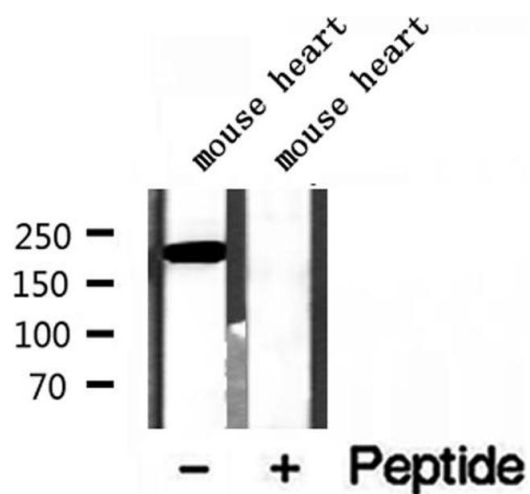
Alternative Name:	MYH7 ( <a href="#">MYH7 Products</a> )
Background:	Description: Myosins are actin-based motor molecules with ATPase activity essential for muscle contraction. Forms regular bipolar thick filaments that, together with actin thin filaments, constitute the fundamental contractile unit of skeletal and cardiac muscle. Gene: MYH7
Molecular Weight:	200-220 kDa
Gene ID:	4625
UniProt:	<a href="#">P12883</a>

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

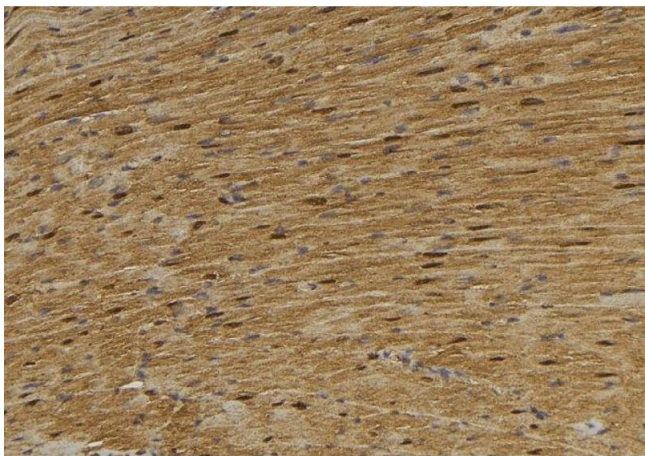
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



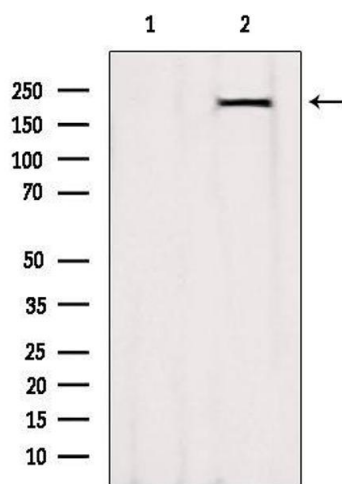
Western Blotting

**Image 1.** Western blot analysis of extracts of mouse heart tissue, using MYH7-specific antibody.



Immunohistochemistry

**Image 2.** ABIN6272966 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Western Blotting

**Image 3.** Western blot analysis of extracts from Rat heart, using MYH7-specific Antibody. Lane 1 was treated with the blocking peptide.