

Datasheet for ABIN7439030
anti-MYH7 antibody (AA 1268-1516)

3 Images

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Overview

Quantity:	100 µL
Target:	MYH7
Binding Specificity:	AA 1268-1516
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYH7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7)
Immunogen:	Recombinant Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7) corresponding to Arg1268~Leu1516 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MYH7. It has been selected for its ability to recognize MYH7 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

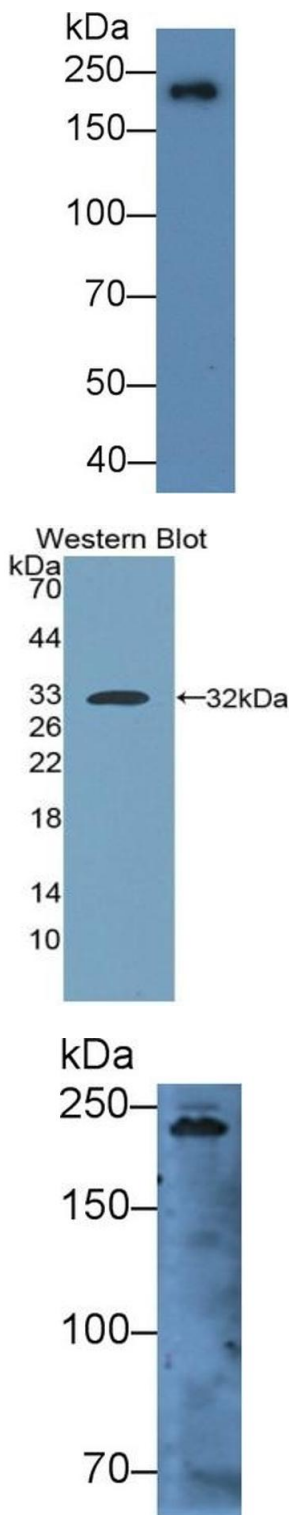
Target:	MYH7
Alternative Name:	Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7 Products)
Background:	CMD1S, CMH1, MPD1, MYHCB, Myopathy, Distal 1, Myosin heavy chain slow isoform, Myosin heavy chain, cardiac muscle beta isoform

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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



Western Blotting

Image 1. Detection of MYH7 in Porcine Skeletal muscle lysate using Polyclonal Antibody to Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7)

Western Blotting

Image 2. Detection of Recombinant MYH7, Human using Polyclonal Antibody to Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7)

Western Blotting

Image 3. Detection of MYH7 in Human Serum using Polyclonal Antibody to Myosin Heavy Chain 7, Cardiac Muscle, Beta (MYH7)