

Datasheet for ABIN7433951
anti-MYOD1 antibody (AA 1-320)



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2 Images

Overview

Quantity:	100 µL
Target:	MYOD1
Binding Specificity:	AA 1-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYOD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Myogenic Differentiation (MyoD)
Immunogen:	Recombinant Myogenic Differentiation (MyoD) corresponding to Met1~Leu320 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MyoD. It has been selected for its ability to recognize MyoD in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

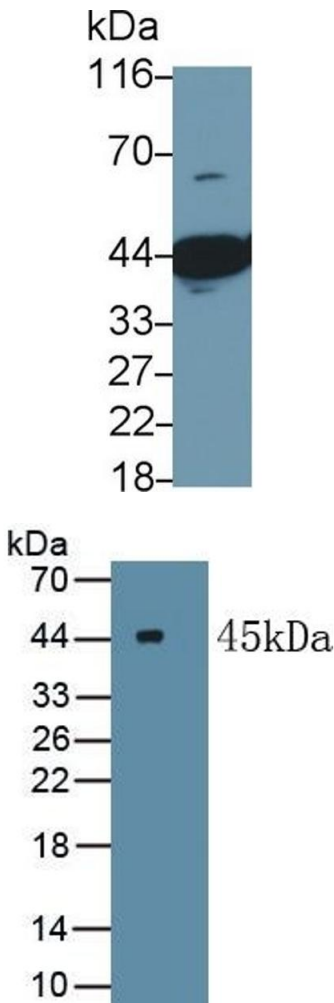
Target:	MYOD1
Alternative Name:	MyoD (MYOD1 Products)
Background:	MYOD1, PUM, MYF3, bHLHc1, Myoblast Determination Protein 1, Myogenic Factor 3, Class C basic helix-loop-helix protein 1
UniProt:	P15172
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	Western blotting: 0.01-2 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
Concentration:	0.42 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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 MyoD in Rat Skeletal muscle lysate using Polyclonal Antibody to Myogenic Differentiation (MyoD)

Western Blotting

Image 2. Detection of Recombinant MyoD, Human using Polyclonal Antibody to Myogenic Differentiation (MyoD)