

Datasheet for ABIN571146  
**anti-Myogenin antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µg
Target:	Myogenin (MYOG)
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Myogenin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Myogenin / MYF4
Immunogen:	C-TDAHNLHSLTSIVD
Sequence:	TDAHNLHSLT SIVD
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

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Target:	Myogenin (MYOG)
Alternative Name:	MYOG ( <a href="#">MYOG Products</a> )
Background:	MYOG, myogenin (myogenic factor 4), MYF4, MYOGENIN, bHLHc3, Myogenic factor-4, myogenin, myogenic factor 4, myogenin
Gene ID:	4656
NCBI Accession:	<a href="#">NP_002470</a>
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development</a>

## Application Details

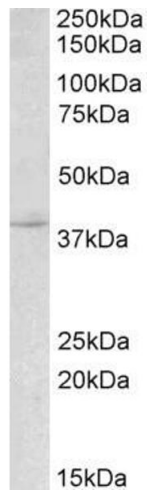
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Application Notes:	Western Blot: Approx 35 kDa band observed in Mouse Skeletal Muscle lysates (calculated MW of 25.2 kDa according to Mouse NP_112466.1). This molecular weight is routinely observed by other sources. Recommended concentration: 1-2 µg/mL. Primary incubation 1 h Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



### Western Blotting

**Image 1.** ABIN571146 (2 $\mu$ g/ml) staining of Mouse Skeletal Muscle lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.