

Datasheet for ABIN1538732
anti-Myogenin antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	Myogenin (MYOG)
Binding Specificity:	AA 30-58, N-Term
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MYOG antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 30-58 amino acids from the N-terminal region of human MYOG.
Clone:	304CT11-6-1
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	Myogenin (MYOG)
Alternative Name:	MYOG (MYOG Products)
Background:	Myogenin is a muscle-specific transcription factor that can induce myogenesis in a variety of cell types in tissue culture. It is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. It is essential for the development of functional

Target Details

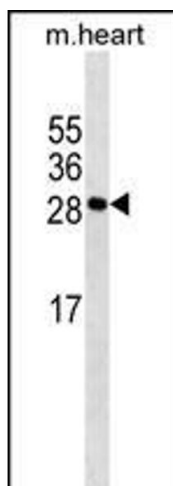
	skeletal muscle. [provided by RefSeq].
Molecular Weight:	25037
Gene ID:	4656
NCBI Accession:	NP_002470
UniProt:	P15173
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	WB: 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	MYOG Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. MYOG Antibody (N-term) (ABIN1538732 and ABIN2843795) western blot analysis in mouse heart tissue lysates (35 µg/lane). This demonstrates the MYOG antibody detected the MYOG protein (arrow).