

# Myod1 Rabbit pAb

Catalog No.: A23881

## Basic Information

### Observed MW

45kDa

### Calculated MW

34KDa

### Category

Primary antibody

### Applications

ELISA,WB

### Cross-Reactivity

Mouse

## Background

Enables several functions, including DNA binding activity; DNA-binding transcription activator activity, RNA polymerase II-specific; and promoter-specific chromatin binding activity. Contributes to DNA binding activity. Involved in several processes, including cellular response to estradiol stimulus; histone acetylation; and positive regulation of snRNA transcription by RNA polymerase II. Acts upstream of or within several processes, including myotube differentiation; regulation of RNA metabolic process; and skeletal muscle fiber adaptation. Located in euchromatin; myofibril; and nucleus. Part of transcription regulator complex. Is expressed in several structures, including alimentary system; embryo mesenchyme; limb; limb bud; and musculature. Orthologous to human MYOD1 (myogenic differentiation 1).

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

17927

### Swiss Prot

P10085

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-318 of mouse Myod1 (NP\_034996.2)

### Synonyms

MYF3; MyoD; Myod-1; bHLHc1; Myod1

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

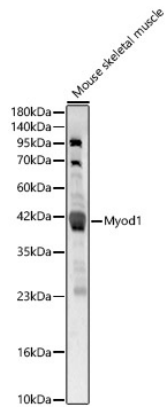
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of Mouse skeletal muscle, using Myod1 Rabbit pAb (A23881) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.