

A23881

Leader in Biomolecular Solutions for Life Science



Myod1 Rabbit pAb

Catalog No.: A23881

Basic Information

Observed MW

45kDa

Calculated MW

34kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

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

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

17927

Swiss Prot

P10085

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

MYF3; MyoD; Myod-1; bHLHc1; Myod1

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

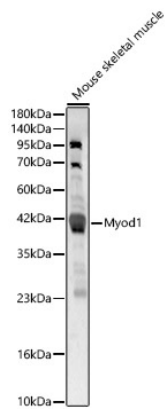
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of lysates from Mouse skeletal muscle, using Myod1 Rabbit pAb (A23881) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.