A23881

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Myod1 Rabbit pAb

Catalog No.: A23881 2 Publications

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

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Product Information

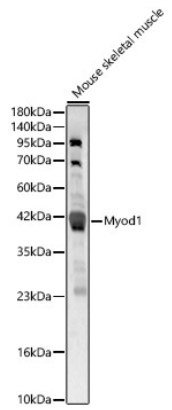
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

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.