

Myogenin Rabbit pAb

Catalog No.: A17427**20 Publications**

Basic Information

Observed MW

25kDa

Calculated MW

25kDa

Category

Polyclonal Antibodies

Applications

WB, IF/ICC, IF-P, IHC-P, ELISA

Cross Reactivity

Human, Mouse, Rat

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 skeletal muscle.

Recommended Dilutions

WB 1:500 - 1:5000**IF/ICC** 1:50 - 1:200**IF-P** 1:100 - 1:400**IHC-P** 1:4000 - 1:16000**ELISA**

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

Immunogen Information

Gene ID

4656

Swiss-Prot

P15173

Immunogen

This information is considered to be commercially sensitive.

Synonyms

MYF4; myf-4; bHLHc3; Myogenin

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

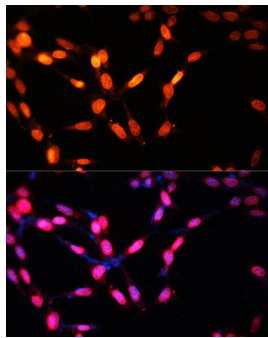
Purity

Affinity purification

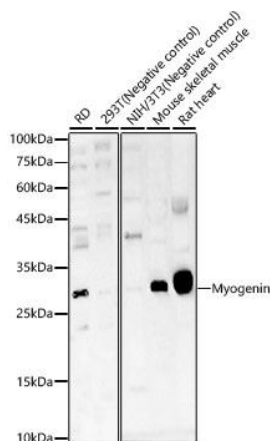
Storage

Store at -20°C

Validation Data



Immunofluorescence analysis of NIH/3T3 cells using Myogenin Rabbit pAb (A17427) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates, using Myogenin Rabbit pAb (A17427) at 1:2000 dilution.

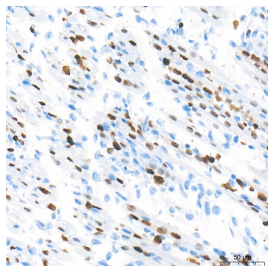
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

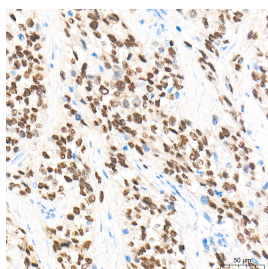
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Mouse embryonic skeletal muscle tissue using Myogenin Rabbit pAb (A17427) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human rhabdomyosarcoma tissue using Myogenin Rabbit pAb (A17427) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.