Leader in Biomolecular Solutions for Life Science

Myogenin Rabbit pAb

Catalog No.: A17427

20 Publications

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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

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Product Information

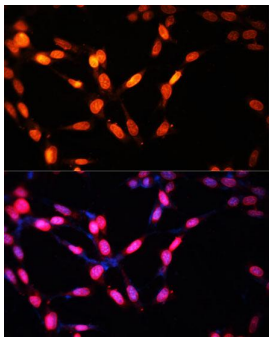
Source
Rabbit

Isotype
IgG

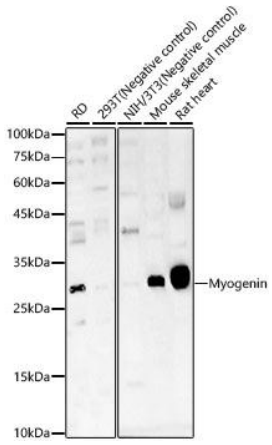
Purity
Affinity purification

Storage
Store at -20℃

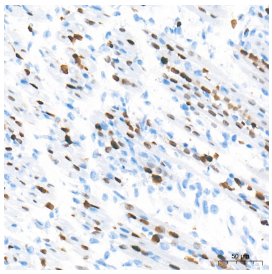
Validation Data



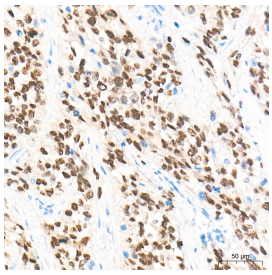
Immunofluorescence analysis of NIH/3T3 cells using Myogenin Rabbit pAb (A17427) at dilution of 1:100. Blue: DAPI for nuclear staining.



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.