Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 25, 2025

myogenin (F5D)

RRID:AB_627980
Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-12732, RRID:AB_627980)

Antibody Information

URL: http://antibodyregistry.org/AB_627980

Proper Citation: (Santa Cruz Biotechnology Cat# sc-12732, RRID:AB_627980)

Target Antigen: myogenin (F5D)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: WB, IF, IHC(P); Western Blot; Immunocytochemistry; Immunofluorescence; Immunohistochemistry

Antibody Name: myogenin (F5D)

Description: This monoclonal targets myogenin (F5D)

Target Organism: Human, Rat, Mouse

Antibody ID: AB_627980

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-12732

Record Creation Time: 20231110T080421+0000

Record Last Update: 20241115T073809+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB000AIW - ENCODE https://www.encodeproject.org/antibodies/ENCAB000AIW

No alerts have been found for myogenin (F5D).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zhang Y, et al. (2024) A molecular pathway for cancer cachexia-induced muscle atrophy revealed at single-nucleus resolution. Cell reports, 43(8), 114587.

Ma J, et al. (2024) CHCHD4-TRIAP1 regulation of innate immune signaling mediates skeletal muscle adaptation to exercise. Cell reports, 43(1), 113626.

Sun P, et al. (2024) Generation of self-renewing neuromesodermal progenitors with neuronal and skeletal muscle bipotential from human embryonic stem cells. Cell reports methods, 4(11), 100897.

Núñez-Manchón J, et al. (2024) Immortalized human myotonic dystrophy type 1 muscle cell lines to address patient heterogeneity. iScience, 27(6), 109930.

Feng X, et al. (2023) Polycomb Ezh1 maintains murine muscle stem cell quiescence through non-canonical regulation of Notch signaling. Developmental cell, 58(12), 1052.

Nagata I, et al. (2023) Icing after skeletal muscle injury with necrosis in a small fraction of myofibers limits inducible nitric oxide synthase-expressing macrophage invasion and facilitates muscle regeneration. American journal of physiology. Regulatory, integrative and comparative physiology, 324(4), R574.

Hanna BS, et al. (2023) The gut microbiota promotes distal tissue regeneration via ROR?+ regulatory T cell emissaries. Immunity, 56(4), 829.

Zeng W, et al. (2023) Restoration of CPEB4 prevents muscle stem cell senescence during aging. Developmental cell, 58(15), 1383.

Zhao Y, et al. (2023) Adipocyte Rnf20 ablation increases the fast-twitch fibers of skeletal muscle via lysophosphatidylcholine 16:0. Cellular and molecular life sciences : CMLS, 80(9), 243.

Moon SH, et al. (2023) Genetic deletion of skeletal muscle iPLA2? results in mitochondrial dysfunction, muscle atrophy and alterations in whole-body energy metabolism. iScience, 26(6), 106895.

Ouyang Q, et al. (2023) Rab8a as a mitochondrial receptor for lipid droplets in skeletal muscle. Developmental cell, 58(4), 289.

Sakai H, et al. (2022) Uhrf1 governs the proliferation and differentiation of muscle satellite cells. iScience, 25(3), 103928.

Przanowska RK, et al. (2022) Distinct MUNC lncRNA structural domains regulate transcription of different promyogenic factors. Cell reports, 38(7), 110361.

Zhang Y, et al. (2022) Applying exercise-mimetic engineered skeletal muscle model to interrogate the adaptive response of irisin to mechanical force. iScience, 25(4), 104135.

Han L, et al. (2022) Muscle satellite cells are impaired in type 2 diabetic mice by elevated extracellular adenosine. Cell reports, 39(9), 110884.

Beltrà M, et al. (2022) PGC-1? in the myofibers regulates the balance between myogenic and adipogenic progenitors affecting muscle regeneration. iScience, 25(11), 105480.

Uchimura T, et al. (2021) A muscle fatigue-like contractile decline was recapitulated using skeletal myotubes from Duchenne muscular dystrophy patient-derived iPSCs. Cell reports. Medicine, 2(6), 100298.

Aoyama S, et al. (2021) Distribution of dietary protein intake in daily meals influences skeletal muscle hypertrophy via the muscle clock. Cell reports, 36(1), 109336.

Robinson DCL, et al. (2021) Negative elongation factor regulates muscle progenitor expansion for efficient myofiber repair and stem cell pool repopulation. Developmental cell, 56(7), 1014.

Becker R, et al. (2021) Myogenin controls via AKAP6 non-centrosomal microtubule-organizing center formation at the nuclear envelope. eLife, 10.