Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

Myosin Heavy Chain Type IIA antibody - Schiaffino, S.; University of Padova

RRID:AB_2147165
Type: Antibody

Proper Citation

(DSHB Cat# SC-71, RRID:AB_2147165)

Antibody Information

URL: http://antibodyregistry.org/AB_2147165

Proper Citation: (DSHB Cat# SC-71, RRID:AB_2147165)

Target Antigen: Myosin Heavy Chain Type IIA

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Immunofluorescence,Immunohistochemistry,Western Blot; Date Deposited: 03/25/2009

Antibody Name: Myosin Heavy Chain Type IIA antibody - Schiaffino, S.; University of Padova

Description: This monoclonal targets Myosin Heavy Chain Type IIA

Target Organism: rat, porcine, canine, goat, horse, mouse, bovine, human, sheep

Defining Citation:

PMID:24839113, PMID:22848742, PMID:23676496, PMID:29168801, PMID:25589763, PMID:27686000, PMID:25217814, PMID:24567902, PMID:22485182, PMID:22084407, PMID:23124535, PMID:24903461, PMID:29241457, PMID:23815977, PMID:29243257, PMID:2547831, PMID:27687713, PMID:23835800, PMID:26788932, PMID:25121500, PMID:24719321, PMID:25028342, PMID:25413330, PMID:24692104, PMID:24852826, PMID:24959151, PMID:27150673, PMID:22688299, PMID:4371120, PMID:25179606, PMID:6561520, PMID:24726641, PMID:22629468, PMID:24789910, PMID:25562814, PMID:19398607, PMID:16163488, PMID:21698255, PMID:23209425, PMID:24358354, PMID:23942549, PMID:25414077, PMID:23206314, PMID:25605336, PMID:28498977, PMID:24349525

Antibody ID: AB_2147165

Vendor: DSHB

Catalog Number: SC-71

Record Creation Time: 20231110T050202+0000

Record Last Update: 20241115T080259+0000

Ratings and Alerts

No rating or validation information has been found for Myosin Heavy Chain Type IIA antibody - Schiaffino, S.; University of Padova.

No alerts have been found for Myosin Heavy Chain Type IIA antibody - Schiaffino, S.; University of Padova.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 146 mentions in open access literature.

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

Vidal Moreno de Vega C, et al. (2024) Baselining physiological parameters in three muscles across three equine breeds. What can we learn from the horse? Frontiers in physiology, 15, 1291151.

Zhang MH, et al. (2024) Dental pulp stem cells promote genioglossus repair and systemic amelioration in chronic intermittent hypoxia. iScience, 27(11), 111143.

Lin KH, et al. (2024) Satellite cell-derived TRIM28 is pivotal for mechanical load- and injury-

induced myogenesis. EMBO reports, 25(9), 3812.

Sakai H, et al. (2024) The androgen receptor in mesenchymal progenitors regulates skeletal muscle mass via Igf1 expression in male mice. Proceedings of the National Academy of Sciences of the United States of America, 121(39), e2407768121.

Qu Q, et al. (2024) Lithocholic acid binds TULP3 to activate sirtuins and AMPK to slow down ageing. Nature.

Bittel AJ, et al. (2024) Voluntary wheel running improves molecular and functional deficits in a murine model of facioscapulohumeral muscular dystrophy. iScience, 27(1), 108632.

Eguchi T, et al. (2024) Calcium-binding protein 7 expressed in muscle negatively regulates age-related degeneration of neuromuscular junctions in mice. iScience, 27(2), 108997.

Lin HP, et al. (2024) DELE1 maintains muscle proteostasis to promote growth and survival in mitochondrial myopathy. The EMBO journal, 43(22), 5548.

Keeble AR, et al. (2024) CSF1-R inhibition attenuates posttraumatic osteoarthritis and quadriceps atrophy following ligament injury. The Journal of physiology.

Swiderski K, et al. (2024) Dystrophin S3059 phosphorylation partially attenuates denervation atrophy in mouse tibialis anterior muscles. Physiological reports, 12(13), e16145.

Yamada M, et al. (2024) Muscle-derived IL-1? regulates EcSOD expression via the NBR1-p62-Nrf2 pathway in muscle during cancer cachexia. The Journal of physiology, 602(17), 4215.

Germani S, et al. (2024) SEPN1-related myopathy depends on the oxidoreductase ERO1A and is druggable with the chemical chaperone TUDCA. Cell reports. Medicine, 5(3), 101439.

Triolo M, et al. (2024) Optic atrophy 1 mediates muscle differentiation by promoting a metabolic switch via the supercomplex assembly factor SCAF1. iScience, 27(3), 109164.

Appelman B, et al. (2024) Muscle abnormalities worsen after post-exertional malaise in long COVID. Nature communications, 15(1), 17.

Soendenbroe C, et al. (2024) Marked irregular myofiber shape is a hallmark of human skeletal muscle ageing and is reversed by heavy resistance training. Journal of cachexia, sarcopenia and muscle, 15(1), 306.

Mistretta M, et al. (2024) Flvcr1a deficiency promotes heme-based energy metabolism dysfunction in skeletal muscle. Cell reports, 43(3), 113854.

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

Reitzner SM, et al. (2024) Molecular profiling of high-level athlete skeletal muscle after acute endurance or resistance exercise - A systems biology approach. Molecular metabolism, 79,

101857.

Domaniku-Waraich A, et al. (2024) Oncostatin M signaling drives cancer-associated skeletal muscle wasting. Cell reports. Medicine, 5(4), 101498.

Qu Q, et al. (2024) Lithocholic acid phenocopies anti-ageing effects of calorie restriction. Nature.