Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 29, 2025

Sarcomeric Alpha Actinin antibody [EA-53]

RRID:AB_307264
Type: Antibody

Proper Citation

(Abcam Cat# ab9465, RRID:AB_307264)

Antibody Information

URL: http://antibodyregistry.org/AB_307264

Proper Citation: (Abcam Cat# ab9465, RRID:AB_307264)

Target Antigen: Sarcomeric Alpha Actinin antibody [EA-53]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ICC/IF, IF, IHC-FoFr, IHC-Fr, IHC-P, WB; Immunocytochemistry; Immunohistochemistry - fixed; Western Blot; Immunofluorescence; Immunohistochemistry; Immunohistochemistry - frozen

Antibody Name: Sarcomeric Alpha Actinin antibody [EA-53]

Description: This monoclonal targets Sarcomeric Alpha Actinin antibody [EA-53]

Target Organism: chicken, feline, rat, hamster, xenopusamphibian, porcine, snake, canine, cow, goat, reptile, pig, mouse, chickenbird, zebrafishfish, rabbit, cat, fish, bovine, human, dog, lizard, sheep

Antibody ID: AB_307264

Vendor: Abcam

Catalog Number: ab9465

Record Creation Time: 20241016T234522+0000

Record Last Update: 20241017T011149+0000

Ratings and Alerts

No rating or validation information has been found for Sarcomeric Alpha Actinin antibody [EA-53].

No alerts have been found for Sarcomeric Alpha Actinin antibody [EA-53].

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.

Kinnear C, et al. (2024) Myosin inhibitor reverses hypertrophic cardiomyopathy in genotypically diverse pediatric iPSC-cardiomyocytes to mirror variant correction. Cell reports. Medicine, 5(5), 101520.

Pavlova SV, et al. (2024) Studying Pathogenetic Contribution of a Variant of Unknown Significance, p.M659I (c.1977G > A) in MYH7, to the Development of Hypertrophic Cardiomyopathy Using CRISPR/Cas9-Engineered Isogenic Induced Pluripotent Stem Cells. International journal of molecular sciences, 25(16).

Yu Y, et al. (2024) Circadian disruption during fetal development promotes pathological cardiac remodeling in male mice. iScience, 27(2), 109008.

Liu L, et al. (2024) Protocol for in vitro observation of HDAC4 condensation during induced cardiac reprogramming. STAR protocols, 6(1), 103523.

Yu Q, et al. (2023) Long non-coding RNA LHX1-DT regulates cardiomyocyte differentiation through H2A.Z-mediated LHX1 transcriptional activation. iScience, 26(11), 108051.

Chapotte-Baldacci CA, et al. (2023) Biophysical properties of NaV1.5 channels from atrial-like and ventricular-like cardiomyocytes derived from human induced pluripotent stem cells. Scientific reports, 13(1), 20685.

Ikenaka A, et al. (2023) SMN promotes mitochondrial metabolic maturation during myogenesis by regulating the MYOD-miRNA axis. Life science alliance, 6(3).

Tao Y, et al. (2023) Robust small molecule-aided cardiac reprogramming systems selective to cardiac fibroblasts. iScience, 26(12), 108466.

Cai L, et al. (2023) The Na/K-ATPase ?1/Src Signaling Axis Regulates Mitochondrial Metabolic Function and Redox Signaling in Human iPSC-Derived Cardiomyocytes. Biomedicines, 11(12).

Xu Y, et al. (2023) A transient wave of Bhlhe41+ resident macrophages enables remodeling of the developing infarcted myocardium. Cell reports, 42(10), 113174.

Pierre M, et al. (2023) Cardiac involvement in patient-specific induced pluripotent stem cells of myotonic dystrophy type 1: unveiling the impact of voltage-gated sodium channels. Frontiers in physiology, 14, 1258318.

Xie W, et al. (2022) CYLD deubiquitinates plakoglobin to promote Cx43 membrane targeting and gap junction assembly in the heart. Cell reports, 41(13), 111864.

Thievessen I, et al. (2022) The focal adhesion protein ?-parvin controls cardiomyocyte shape and sarcomere assembly in response to mechanical load. Current biology : CB, 32(14), 3033.

Pisanu A, et al. (2022) Bizonal cardiac engineered tissues with differential maturation features in a mid-throughput multimodal bioreactor. iScience, 25(5), 104297.

Sanchez L, et al. (2022) MicroRNA-dependent suppression of biological pacemaker activity induced by TBX18. Cell reports. Medicine, 3(12), 100871.

Du J, et al. (2022) A small-molecule cocktail promotes mammalian cardiomyocyte proliferation and heart regeneration. Cell stem cell, 29(4), 545.

Pettinato AM, et al. (2021) Sarcomere function activates a p53-dependent DNA damage response that promotes polyploidization and limits in vivo cell engraftment. Cell reports, 35(5), 109088.

Borysova L, et al. (2021) High spatial and temporal resolution Ca2+ imaging of myocardial strips from human, pig and rat. Nature protocols, 16(10), 4650.

Hofemeier AD, et al. (2021) Global and local tension measurements in biomimetic skeletal muscle tissues reveals early mechanical homeostasis. eLife, 10.

Williams JL, et al. (2020) Mylk3 null C57BL/6N mice develop cardiomyopathy, whereas Nnt null C57BL/6J mice do not. Life science alliance, 3(4).