Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 1, 2025

Monoclonal Anti-alpha-Actinin (Sarcomeric) antibody produced in mouse

RRID:AB_476766
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# A7811, RRID:AB_476766)

Antibody Information

URL: http://antibodyregistry.org/AB_476766

Proper Citation: (Sigma-Aldrich Cat# A7811, RRID:AB_476766)

Target Antigen: alpha-Actinin (Sarcomeric)

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ELISA, dot blot, immunoblot, immunohistochemistry, immunocytochemistry.

Antibody Name: Monoclonal Anti-alpha-Actinin (Sarcomeric) antibody produced in mouse

Description: This monoclonal targets alpha-Actinin (Sarcomeric)

Target Organism: chicken, feline, rat, hamster, porcine, snake, canine, goat, reptile, pig, mouse, frog, fish, rabbit, bovine, zebrafish, human, lizard, sheep

Clone ID: EA-53

Defining Citation: PMID:20235162

Antibody ID: AB_476766

Vendor: Sigma-Aldrich

Catalog Number: A7811

Record Creation Time: 20231110T080858+0000

Record Last Update: 20241115T071034+0000

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-alpha-Actinin (Sarcomeric) antibody produced in mouse.

No alerts have been found for Monoclonal Anti-alpha-Actinin (Sarcomeric) antibody produced in mouse.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 128 mentions in open access literature.

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

Busley AV, et al. (2024) Mutation-induced LZTR1 polymerization provokes cardiac pathology in recessive Noonan syndrome. Cell reports, 43(7), 114448.

Schreiber MK, et al. (2024) Generation of Pelizaeus-Merzbacher disease (PMD) mutant (PLP1-C33Y) in induced pluripotent stem cell (iPSC) by CRISPR/Cas9 genome editing. Stem cell research, 74, 103276.

Pierre B, et al. (2024) Generation of CRISPR/Cas9 edited human induced pluripotent stem cell line carrying the heterozygous p.H695VfsX5 frameshift mutation in the exon 10 of the PKP2 gene. Stem cell research, 76, 103341.

Duboscq-Bidot L, et al. (2024) Generation of CRISPR-Cas9 edited human induced pluripotent stem cell line carrying BAG3 V468M mutation in its BAG domain. Stem cell research, 74, 103294.

Li J, et al. (2024) Human induced pluripotent stem cell-derived closed-loop cardiac tissue for drug assessment. iScience, 27(2), 108992.

Mozin E, et al. (2024) Dystrophin deficiency impairs cell junction formation during embryonic myogenesis from pluripotent stem cells. iScience, 27(7), 110242.

Friedman CE, et al. (2024) HOPX-associated molecular programs control cardiomyocyte cell

states underpinning cardiac structure and function. Developmental cell, 59(1), 91.

Nocchi E, et al. (2024) The Mas agonist CGEN-856S prevents Ang II induced cardiomyocyte hypertrophy via nitric oxide production. Peptides, 175, 171182.

Rao K, et al. (2024) Myoglobin modulates the Hippo pathway to promote cardiomyocyte differentiation. iScience, 27(3), 109146.

Wu HF, et al. (2024) Parasympathetic neurons derived from human pluripotent stem cells model human diseases and development. Cell stem cell, 31(5), 734.

Schreiber MK, et al. (2024) Generation of a fluorescent oligodendrocyte reporter line in human induced pluripotent stem cells. Stem cell research, 75, 103295.

Lock RI, et al. (2024) Macrophages enhance contractile force in iPSC-derived human engineered cardiac tissue. Cell reports, 43(6), 114302.

Guo J, et al. (2024) Substrate mechanics unveil early structural and functional pathology in iPSC micro-tissue models of hypertrophic cardiomyopathy. iScience, 27(6), 109954.

King AC, et al. (2024) Modulation of SNARE-dependent exocytosis in astrocytes improves neuropathology in Huntington's disease. Disease models & mechanisms, 17(11).

Hüttemeister J, et al. (2024) Visualizing sarcomere and cellular dynamics in skeletal muscle to improve cell therapies. eLife, 13.

Li Q, et al. (2023) Multimodal charting of molecular and functional cell states via in situ electro-sequencing. Cell, 186(9), 2002.

Yap L, et al. (2023) Pluripotent stem cell-derived committed cardiac progenitors remuscularize damaged ischemic hearts and improve their function in pigs. NPJ Regenerative medicine, 8(1), 26.

Voges HK, et al. (2023) Generation of vascularized human cardiac organoids for 3D in vitro modeling. STAR protocols, 4(3), 102371.

Pietsch N, et al. (2023) Generation of a homozygous CRYAB p.Arg120Gly mutant (UKEi001-A-1) from a human iPSC line. Stem cell research, 71, 103188.

Mozin E, et al. (2023) Dystrophin deficiency impairs cell junction formation during embryonic myogenesis. bioRxiv : the preprint server for biology.