Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 4, 2025

Rabbit Anti-MEF-2 Polyclonal antibody, Unconjugated

RRID:AB_631920
Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-313, RRID:AB_631920)

Antibody Information

URL: http://antibodyregistry.org/AB_631920

Proper Citation: (Santa Cruz Biotechnology Cat# sc-313, RRID:AB_631920)

Target Antigen: MEF2A

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Antibody Name: Rabbit Anti-MEF-2 Polyclonal antibody, Unconjugated

Description: This polyclonal targets MEF2A

Target Organism: rat, mouse, human

Clone ID: C-21

Defining Citation: PMID:17335037

Antibody ID: AB_631920

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-313

Record Creation Time: 20241016T224356+0000

Record Last Update: 20241016T232521+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: C2712 is available under ENCODE ID: ENCAB192CRE - ENCODE https://www.encodeproject.org/antibodies/ENCAB192CRE

Warning: Discontinued: 2016
Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

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

Friedman CE, et al. (2024) HOPX-associated molecular programs control cardiomyocyte cell states underpinning cardiac structure and function. Developmental cell, 59(1), 91.

García-Poyatos C, et al. (2024) Cox7a1 controls skeletal muscle physiology and heart regeneration through complex IV dimerization. Developmental cell, 59(14), 1824.

Apaydin O, et al. (2023) Alpha-1 adrenergic signaling drives cardiac regeneration via extracellular matrix remodeling transcriptional program in zebrafish macrophages. Developmental cell, 58(22), 2460.

Sharpe M, et al. (2022) Ruvbl2 Suppresses Cardiomyocyte Proliferation During Zebrafish Heart Development and Regeneration. Frontiers in cell and developmental biology, 10, 800594.

Tan J, et al. (2022) Moderate heart rate reduction promotes cardiac regeneration through stimulation of the metabolic pattern switch. Cell reports, 38(10), 110468.

Majidi SP, et al. (2019) Chromatin Environment and Cellular Context Specify Compensatory Activity of Paralogous MEF2 Transcription Factors. Cell reports, 29(7), 2001.

Zhao L, et al. (2019) Endocardial Notch Signaling Promotes Cardiomyocyte Proliferation in the Regenerating Zebrafish Heart through Wnt Pathway Antagonism. Cell reports, 26(3), 546.

Honkoop H, et al. (2019) Single-cell analysis uncovers that metabolic reprogramming by ErbB2 signaling is essential for cardiomyocyte proliferation in the regenerating heart. eLife, 8.

Mukai J, et al. (2019) Recapitulation and Reversal of Schizophrenia-Related Phenotypes in Setd1a-Deficient Mice. Neuron, 104(3), 471.

Han Y, et al. (2019) Vitamin D Stimulates Cardiomyocyte Proliferation and Controls Organ Size and Regeneration in Zebrafish. Developmental cell, 48(6), 853.

Marín-Juez R, et al. (2019) Coronary Revascularization During Heart Regeneration Is Regulated by Epicardial and Endocardial Cues and Forms a Scaffold for Cardiomyocyte Repopulation. Developmental cell, 51(4), 503.

González-Rosa JM, et al. (2018) Myocardial Polyploidization Creates a Barrier to Heart Regeneration in Zebrafish. Developmental cell, 44(4), 433.

Stockdale WT, et al. (2018) Heart Regeneration in the Mexican Cavefish. Cell reports, 25(8), 1997.

Bonnet A, et al. (2017) Quaking RNA-Binding Proteins Control Early Myofibril Formation by Modulating Tropomyosin. Developmental cell, 42(5), 527.

Hui SP, et al. (2017) Zebrafish Regulatory T Cells Mediate Organ-Specific Regenerative Programs. Developmental cell, 43(6), 659.

Hayashi S, et al. (2016) Klf5 regulates muscle differentiation by directly targeting muscle-specific genes in cooperation with MyoD in mice. eLife, 5.

Daems C, et al. (2015) MEF2 Cooperates With Forskolin/cAMP and GATA4 to Regulate Star Gene Expression in Mouse MA-10 Leydig Cells. Endocrinology, 156(7), 2693.

Di-Luoffo M, et al. (2015) The Transcription Factor MEF2 Is a Novel Regulator of Gsta Gene Class in Mouse MA-10 Leydig Cells. Endocrinology, 156(12), 4695.

Telese F, et al. (2015) LRP8-Reelin-Regulated Neuronal Enhancer Signature Underlying Learning and Memory Formation. Neuron, 86(3), 696.