Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 30, 2025

Actin

RRID:AB_2289199
Type: Antibody

Proper Citation

(BD Biosciences Cat# 612656, RRID:AB_2289199)

Antibody Information

URL: http://antibodyregistry.org/AB_2289199

Proper Citation: (BD Biosciences Cat# 612656, RRID:AB_2289199)

Target Antigen: ACTA1

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Immunohistochemistry-formalin (antigen retrieval required), Western blot

Antibody Name: Actin

Description: This monoclonal targets ACTA1

Target Organism: human

Clone ID: C4

Antibody ID: AB_2289199

Vendor: BD Biosciences

Catalog Number: 612656

Record Creation Time: 20231110T045253+0000

Record Last Update: 20241115T050908+0000

Ratings and Alerts

No rating or validation information has been found for Actin.

No alerts have been found for Actin.

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.

Liepinsh E, et al. (2024) Hydroxymethylglutaryl-CoA reductase activity is essential for mitochondrial ?-oxidation of fatty acids to prevent lethal accumulation of long-chain acylcarnitines in the mouse liver. British journal of pharmacology, 181(16), 2750.

Muñoz-Galdeano T, et al. (2024) Identification of a New Role of miR-199a-5p as Factor Implied in Neuronal Damage: Decreasing the Expression of Its Target X-Linked Anti-Apoptotic Protein (XIAP) After SCI. International journal of molecular sciences, 25(22).

Chakraborty P, et al. (2023) Regulation of store-operated Ca2+ entry by IP3 receptors independent of their ability to release Ca2. eLife, 12.

Liu Y, et al. (2023) A SOX9-B7x axis safeguards dedifferentiated tumor cells from immune surveillance to drive breast cancer progression. Developmental cell, 58(23), 2700.

Lu WC, et al. (2022) AKT1 mediates multiple phosphorylation events that functionally promote HSF1 activation. The FEBS journal, 289(13), 3876.

Zhang X, et al. (2022) Robust genome editing in adult vascular endothelium by nanoparticle delivery of CRISPR-Cas9 plasmid DNA. Cell reports, 38(1), 110196.

Menon MP, et al. (2022) Nano Modification of Antrodia Cinnamomea Exhibits Anti-Inflammatory Action and Improves the Migratory Potential of Myogenic Progenitors. Cells, 11(16).

Abdullah MO, et al. (2022) Mitochondrial hyperfusion via metabolic sensing of regulatory amino acids. Cell reports, 40(7), 111198.

Hinke DM, et al. (2022) Antigen bivalency of antigen-presenting cell-targeted vaccines increases B cell responses. Cell reports, 39(9), 110901.

Spurlock B, et al. (2021) Fine-tuned repression of Drp1-driven mitochondrial fission primes a

'stem/progenitor-like state' to support neoplastic transformation. eLife, 10.

Nüchel J, et al. (2021) An mTORC1-GRASP55 signaling axis controls unconventional secretion to reshape the extracellular proteome upon stress. Molecular cell, 81(16), 3275.

Sulsenti R, et al. (2021) Repurposing of the Antiepileptic Drug Levetiracetam to Restrain Neuroendocrine Prostate Cancer and Inhibit Mast Cell Support to Adenocarcinoma. Frontiers in immunology, 12, 622001.

Esteban PF, et al. (2020) Revisiting CB1 cannabinoid receptor detection and the exploration of its interacting partners. Journal of neuroscience methods, 337, 108680.

Kaya B, et al. (2020) Lysophosphatidic Acid-Mediated GPR35 Signaling in CX3CR1+ Macrophages Regulates Intestinal Homeostasis. Cell reports, 32(5), 107979.

Hegde GV, et al. (2019) NRG1 is a critical regulator of differentiation in TP63-driven squamous cell carcinoma. eLife, 8.

Carim SC, et al. (2019) IPIP27 Coordinates PtdIns(4,5)P2 Homeostasis for Successful Cytokinesis. Current biology : CB, 29(5), 775.

Brady OA, et al. (2018) The transcription factors TFE3 and TFEB amplify p53 dependent transcriptional programs in response to DNA damage. eLife, 7.

Gopurappilly R, et al. (2018) Stable STIM1 Knockdown in Self-Renewing Human Neural Precursors Promotes Premature Neural Differentiation. Frontiers in molecular neuroscience, 11, 178.

Göttle P, et al. (2018) Teriflunomide promotes oligodendroglial differentiation and myelination. Journal of neuroinflammation, 15(1), 76.

Johnson JS, et al. (2018) Reshaping of the Dendritic Cell Chromatin Landscape and Interferon Pathways during HIV Infection. Cell host & microbe, 23(3), 366.