Resource Summary Report

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

MAP2 antibody - Neuronal Marker

RRID:AB_776174
Type: Antibody

Proper Citation

(Abcam Cat# ab32454, RRID:AB_776174)

Antibody Information

URL: http://antibodyregistry.org/AB_776174

Proper Citation: (Abcam Cat# ab32454, RRID:AB_776174)

Target Antigen: MAP2 antibody - Neuronal Marker

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: MAP2 antibody - Neuronal Marker

Description: This polyclonal targets MAP2 antibody - Neuronal Marker

Target Organism: feline, rat, mouse, cat, human

Antibody ID: AB_776174

Vendor: Abcam

Catalog Number: ab32454

Record Creation Time: 20241017T001019+0000

Record Last Update: 20241017T014744+0000

Ratings and Alerts

No rating or validation information has been found for MAP2 antibody - Neuronal Marker.

No alerts have been found for MAP2 antibody - Neuronal Marker.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 52 mentions in open access literature.

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

Walvekar AS, et al. (2025) Failure to repair damaged NAD(P)H blocks de novo serine synthesis in human cells. Cellular & molecular biology letters, 30(1), 3.

Wu CE, et al. (2025) Generation of a human induced pluripotent stem cell line NTUHi006-A from a polycystic ovarian syndrome patient. Stem cell research, 82, 103647.

Kang SK, et al. (2024) Altered neurological and neurobehavioral phenotypes in a mouse model of the recurrent KCNB1-p.R306C voltage-sensor variant. Neurobiology of disease, 194, 106470.

Irala D, et al. (2024) Astrocyte-secreted neurocan controls inhibitory synapse formation and function. Neuron, 112(10), 1657.

Alfahel L, et al. (2024) Targeting low levels of MIF expression as a potential therapeutic strategy for ALS. Cell reports. Medicine, 5(5), 101546.

Yuan M, et al. (2024) In situ direct reprogramming of astrocytes to neurons via polypyrimidine tract-binding protein 1 knockdown in a mouse model of ischemic stroke. Neural regeneration research, 19(10), 2240.

Sun Z, et al. (2024) Harnessing developmental dynamics of spinal cord extracellular matrix improves regenerative potential of spinal cord organoids. Cell stem cell, 31(5), 772.

Almeida MC, et al. (2024) Single-nucleus RNA sequencing demonstrates an autosomal dominant Alzheimer's disease profile and possible mechanisms of disease protection. Neuron.

Bodart-Santos V, et al. (2024) Selenoprotein P is a target for regulating extracellular vesicle biogenesis and secretion from activated microglia in vivo. Cell reports, 43(12), 115025.

Bowles KR, et al. (2024) Development of MAPT S305 mutation human iPSC lines exhibiting

elevated 4R tau expression and functional alterations in neurons and astrocytes. Cell reports, 43(12), 115013.

Saito M, et al. (2024) Comparative Efficacy of Remote Ischemic Conditioning and Hypothermia in Permanent and Transient Cerebral Ischemia in Male Mice. Journal of neuroscience research, 102(12), e70003.

Chen CM, et al. (2023) Probucol treatment after traumatic brain injury activates BDNF/TrkB pathway, promotes neuroregeneration and ameliorates functional deficits in mice. British journal of pharmacology, 180(20), 2605.

Wang S, et al. (2023) Generation of glutamatergic/GABAergic neuronal co-cultures derived from human induced pluripotent stem cells for characterizing E/I balance in vitro. STAR protocols, 4(1), 101967.

Zhang F, et al. (2023) Combination therapy with ultrasound and 2D nanomaterials promotes recovery after spinal cord injury via Piezo1 downregulation. Journal of nanobiotechnology, 21(1), 91.

Wang J, et al. (2023) Organelle mapping in dendrites of human iPSC-derived neurons reveals dynamic functional dendritic Golgi structures. Cell reports, 42(7), 112709.

Koppel SJ, et al. (2023) ?-Hydroxybutyrate preferentially enhances neuron over astrocyte respiration while signaling cellular quiescence. Mitochondrion, 68, 125.

Chang E, et al. (2023) General anesthetic action profile on the human prefrontal cortex cells through comprehensive single-cell RNA-seq analysis. iScience, 26(4), 106534.

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

Yamashita A, et al. (2023) ILF3 prion-like domain regulates gene expression and fear memory under chronic stress. iScience, 26(3), 106229.

Wang S, et al. (2022) Loss-of-function variants in the schizophrenia risk gene SETD1A alter neuronal network activity in human neurons through the cAMP/PKA pathway. Cell reports, 39(5), 110790.