Resource Summary Report

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

Monoclonal Anti-MAP2 (2a+2b) antibody produced in mouse

RRID:AB_477171
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# M1406, RRID:AB_477171)

Antibody Information

URL: http://antibodyregistry.org/AB_477171

Proper Citation: (Sigma-Aldrich Cat# M1406, RRID:AB_477171)

Target Antigen: MAP2 (2a+2b) antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgG1 Immunocytochemistry; Western Blot; immunocytochemistry: suitable, immunoblotting: 1:250

Antibody Name: Monoclonal Anti-MAP2 (2a+2b) antibody produced in mouse

Description: This monoclonal targets MAP2 (2a+2b) antibody produced in mouse

Target Organism: rat, xenopus, chicken/bird, aquatic salamander, quail, mouse, bovine, xenopus/amphibian, human

Defining Citation: PMID:19058188, PMID:19950118

Antibody ID: AB_477171

Vendor: Sigma-Aldrich

Catalog Number: M1406

Record Creation Time: 20231110T080857+0000

Record Last Update: 20241115T071103+0000

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-MAP2 (2a+2b) antibody produced in mouse.

No alerts have been found for Monoclonal Anti-MAP2 (2a+2b) antibody produced in mouse.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 82 mentions in open access literature.

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

Sirois CL, et al. (2024) CGG repeats in the human FMR1 gene regulate mRNA localization and cellular stress in developing neurons. Cell reports, 43(6), 114330.

Boreland AJ, et al. (2024) Sustained type I interferon signaling after human immunodeficiency virus type 1 infection of human iPSC derived microglia and cerebral organoids. iScience, 27(5), 109628.

Yan Y, et al. (2024) 3D bioprinting of human neural tissues with functional connectivity. Cell stem cell, 31(2), 260.

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.

Fu XQ, et al. (2024) Comparative transcriptomic profiling reveals a role for Olig1 in promoting axon regeneration. Cell reports, 43(7), 114514.

Atsumi Y, et al. (2024) Repetitive CREB-DNA interactions at gene loci predetermined by CBP induce activity-dependent gene expression in human cortical neurons. Cell reports, 43(1), 113576.

Chuinsiri N, et al. (2024) Calcium-sensing receptor regulates Kv7 channels via Gi/o protein signalling and modulates excitability of human induced pluripotent stem cell-derived nociceptive-like neurons. British journal of pharmacology, 181(15), 2676.

Ke YD, et al. (2024) Targeting 14-3-3?-mediated TDP-43 pathology in amyotrophic lateral

sclerosis and frontotemporal dementia mice. Neuron.

Hirayama M, et al. (2024) Neuronal reprogramming of mouse and human fibroblasts using transcription factors involved in suprachiasmatic nucleus development. iScience, 27(3), 109051.

Tschuck J, et al. (2024) Suppression of ferroptosis by vitamin A or radical-trapping antioxidants is essential for neuronal development. Nature communications, 15(1), 7611.

Grotemeyer A, et al. (2023) Inflammasome inhibition protects dopaminergic neurons from ?-synuclein pathology in a model of progressive Parkinson's disease. Journal of neuroinflammation, 20(1), 79.

Liu S, et al. (2023) Generation of self-organized autonomic ganglion organoids from fibroblasts. iScience, 26(3), 106241.

Sheta R, et al. (2023) Optimized protocol for the generation of functional human induced-pluripotent-stem-cell-derived dopaminergic neurons. STAR protocols, 4(3), 102486.

Waxman EA, et al. (2023) Reproducible Differentiation of Human Pluripotent Stem Cells into Two-Dimensional Cortical Neuron Cultures with Checkpoints for Success. Current protocols, 3(12), e948.

Martinez A, et al. (2023) Characterization of microglia behaviour in healthy and pathological conditions with image analysis tools. Open biology, 13(1), 220200.

Herrero-Labrador R, et al. (2023) Brain IGF-I regulates LTP, spatial memory, and sexual dimorphic behavior. Life science alliance, 6(10).

Ciarpella F, et al. (2023) Generation of mouse hippocampal brain organoids from primary embryonic neural stem cells. STAR protocols, 4(3), 102413.

Sancho-Balsells A, et al. (2023) Cognitive and Emotional Symptoms Induced by Chronic Stress Are Regulated by EGR1 in a Subpopulation of Hippocampal Pyramidal Neurons. International journal of molecular sciences, 24(4).

Stevenson ME, et al. (2023) Neuronal activation of G?q EGL-30/GNAQ late in life rejuvenates cognition across species. Cell reports, 42(9), 113151.

Pérez-Corredor PA, et al. (2022) High fructose diet-induced obesity worsens post-ischemic brain injury in the hippocampus of female rats. Nutritional neuroscience, 25(1), 122.