

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 24, 2024

Mouse Anti-Bovine MAP2 (2a / 2b) Monoclonal Antibody, Unconjugated, Clone AP-20

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)

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: Immunocytochemistry; Western Blot; Immunocytochemistry, Western Blot

Antibody Name: Mouse Anti-Bovine MAP2 (2a / 2b) Monoclonal Antibody, Unconjugated, Clone AP-20

Description: This monoclonal targets MAP2 (2a+2b)

Target Organism: bovine, chickenavian, human, mouse, other, rat, xenopus, quail, xenopus, bovine, human, rat, mouse

Clone ID: Clone AP-20

Defining Citation: [PMID:19058188](https://pubmed.ncbi.nlm.nih.gov/19058188/), [PMID:19950118](https://pubmed.ncbi.nlm.nih.gov/19950118/)

Antibody ID: AB_477171

Vendor: Sigma-Aldrich

Catalog Number: M1406

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Bovine MAP2 (2a / 2b) Monoclonal Antibody, Unconjugated, Clone AP-20.

No alerts have been found for Mouse Anti-Bovine MAP2 (2a / 2b) Monoclonal Antibody, Unconjugated, Clone AP-20.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 74 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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

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.

Ke YD, et al. (2024) Targeting 14-3-3 σ -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.

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

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

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.

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

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

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).

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

Stevenson ME, et al. (2023) Neuronal activation of G β 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.

Gastaldi L, et al. (2022) BARS Influences Neuronal Development by Regulation of Post-Golgi Trafficking. *Cells*, 11(8).

Tcw J, et al. (2022) Cholesterol and matrisome pathways dysregulated in astrocytes and microglia. *Cell*, 185(13), 2213.

Carnazza KE, et al. (2022) Synaptic vesicle binding of α -synuclein is modulated by β - and γ -synucleins. *Cell reports*, 39(2), 110675.

Pratt KJB, et al. (2022) Loss of neuronal Tet2 enhances hippocampal-dependent cognitive function. *Cell reports*, 41(6), 111612.

Ballout J, et al. (2022) Ionotropic P2X4 and P2X7 receptors in the regulation of ion transport across rat colon. *British journal of pharmacology*, 179(21), 4992.

Nascimento JM, et al. (2022) Proteomic signatures of schizophrenia-sourced iPSC-derived neural cells and brain organoids are similar to patients' postmortem brains. *Cell & bioscience*, 12(1), 189.

El Chehadeh S, et al. (2022) SLITRK2 variants associated with neurodevelopmental disorders impair excitatory synaptic function and cognition in mice. *Nature communications*, 13(1), 4112.