

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

Anti-MAP2 Antibody CHEMICON®, mouse monoclonal, AP20

RRID:AB_94856

Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# MAB3418, RRID:AB_94856)

Antibody Information

URL: http://antibodyregistry.org/AB_94856

Proper Citation: (Sigma-Aldrich Cat# MAB3418, RRID:AB_94856)

Target Antigen: MAP2

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IHC, WB
Consolidation on 7/2024: AB_11212326

Antibody Name: Anti-MAP2 Antibody CHEMICON®, mouse monoclonal, AP20

Description: This monoclonal targets MAP2

Target Organism: chicken, rat, xenopus, quail, mouse, bovine, human

Clone ID: Clone AP20

Defining Citation: [PMID:17447249](#), [PMID:22987813](#), [PMID:19177518](#), [PMID:22806400](#), [PMID:18853423](#), [PMID:18785628](#), [PMID:21165979](#), [PMID:20653038](#), [PMID:18095323](#), [PMID:21452232](#), [PMID:16856139](#)

Antibody ID: AB_94856

Vendor: Sigma-Aldrich

Catalog Number: MAB3418

Record Creation Time: 20260722T182638+0000

Ratings and Alerts

No rating or validation information has been found for Anti-MAP2 Antibody CHEMICON®, mouse monoclonal, AP20.

No alerts have been found for Anti-MAP2 Antibody CHEMICON®, mouse monoclonal, AP20.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 88 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Yang WS, et al. (2026) Human amygdala-like telencephalic organoids model stress circuitry in assembloid systems. *Cell stem cell*, 33(7), 1144.

Liu Y, et al. (2026) Human PSC-derived organoids model sympathetic ganglion development and its functional crosstalk with the heart. *Cell stem cell*, 33(1), 29.

Fricke M, et al. (2026) Knockout of the LRRK2-counteracting RAB phosphatase PPM1H disrupts axonal autophagy and exacerbates alpha-synuclein aggregation. *Cell reports*, 45(6), 117364.

Contreras J, et al. (2026) Scn2a, encoding Na V 1.2 channel, contributes to tonotopic maturation of spike kinetics in developing mouse MNTB. *Frontiers in cellular neuroscience*, 20, 1819425.

Wenger A, et al. (2026) High-Fat Diet and a High Amyloid Load Interact to Induce PKC-? Dependent Synaptic Insulin Resistance. *Molecular & cellular proteomics : MCP*, 25(4), 101537.

Loureiro JR, et al. (2026) The insertion of an ATTTC repeat in an Alu element hyperactivates a neurodevelopmental enhancer in spinocerebellar ataxia type 37. *Cell reports*, 45(4), 117146.

Kawada K, et al. (2026) Prenatal 4-phenylbutyric acid administration during mid-gestation ameliorates ASD-like behaviors by reducing cortical endoplasmic reticulum stress in VPA-induced ICR and BTBR mouse models. *AIMS neuroscience*, 13(1), 29.

Lorenz SM, et al. (2026) A fin-loop-like structure in GPX4 underlies neuroprotection from ferroptosis. *Cell*, 189(1), 287.

- Pang W, et al. (2026) Protocol for the generation of human medullary spinal trigeminal nucleus-like organoids and trigeminothalamic assembloids. *STAR protocols*, 7(3), 104705.
- Sato F, et al. (2026) Induction of neurodegeneration in the hippocampus of senescence-accelerated mouse-prone 8 (SAMP8) mice by blood-brain barrier-crossing serum amyloid P component. *Journal of neuroinflammation*, 23(1), 66.
- Li P, et al. (2026) Global mapping of circRNA-target RNA interactions reveal P-body-mediated translational repression. *Molecular cell*, 86(5), 868.
- Zhang L, et al. (2026) Genetically encoded fluorescent reporters to visualize α -synuclein pathology in live brain. *Cell*, 189(7), 2108.
- Raguin J, et al. (2026) Human cerebral organoids with microglia and vasculature model glioma stem cell interactions and radiotherapy response. *Cell reports methods*, 6(6), 101425.
- Hölbling BV, et al. (2025) A multimodal screening platform for endogenous dipeptide repeat proteins in C9orf72 patient iPSC neurons. *Cell reports*, 44(5), 115695.
- Cakir B, et al. (2025) Radiofrequency regulates the BET-mediated pathways in radial glia differentiation in human cortical development. *Cell reports*, 44(10), 116238.
- Clain J, et al. (2025) Effect of metabolic disorders on reactive gliosis and glial scarring at the early subacute phase of stroke in a mouse model of diabetes and obesity. *IBRO neuroscience reports*, 18, 16.
- Yin Y, et al. (2025) Generation of self-organized neuromusculoskeletal tri-tissue organoids from human pluripotent stem cells. *Cell stem cell*, 32(1), 157.
- Aluru K, et al. (2025) Protocol for purifying primitive neural progenitors by fractional passaging to generate astroglia-enriched cerebral organoid. *STAR protocols*, 6(4), 104142.
- Song J, et al. (2025) Anti-neuroinflammatory agent rhein lysinate-based self-assembled injectable hydrogel loaded with ZL006 for promoting post-stroke functional recovery. *Biomaterials*, 318, 123124.
- Wang H, et al. (2025) Conditional mGluR5 knockout in glutamatergic pathways disrupts the development of excitatory synaptic transmission onto mouse MNTB neurons. *Journal of neurophysiology*, 134(5), 1749.