Resource Summary Report

Generated by RRID on Aug 2, 2026

Monoclonal Anti-MAP2 antibody produced in mouse

RRID:AB_477256
Type: Antibody

Proper Citation

Sigma-Aldrich Cat# M9942, RRID:AB_477256

Antibody Information

URL: http://antibodyregistry.org/AB_477256

Proper Citation: Sigma-Aldrich Cat# M9942, RRID:AB_477256

Target Antigen: MAP2 antibody produced in mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgG1 immunoblotting: 1-2 mug/mL
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Monoclonal Anti-MAP2 antibody produced in mouse

Description: This monoclonal targets MAP2 antibody produced in mouse

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

Defining Citation: PMID:22522966

Antibody ID: AB_477256

Vendor: Sigma-Aldrich

Catalog Number: M9942

Record Creation Time: 20250820T011313+0000

Record Last Update: 20250820T102117+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Monoclonal Anti-MAP2 antibody produced in mouse.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 48 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Hylton NK, et al. (2026) Pannexin-1 channel activity regulates neurogenesis and cell survival in the developing cortex. bioRxiv : the preprint server for biology.

Budinger D, et al. (2025) An iPSC-derived neuronal model reveals manganese's role in neuronal endocytosis, calcium flux and mitochondrial bioenergetics. iScience, 28(9), 113311.

Chakraborty AP, et al. (2025) Evidence for human kisspeptin receptor homo-oligomerisation and its functional relevance. Journal of molecular endocrinology, 75(2).

Kaushik K, et al. (2025) Requirements for the neurodevelopmental disorder-associated gene ZNF292 in human cortical interneuron development and function. Cell reports, 44(5), 115597.

Kurosaki T, et al. (2025) FMRP drives mRNP targets into translationally silenced complexes. Molecular cell, 85(15), 2956.

Banez-Coronel M, et al. (2025) Repeat-associated non-AUG translation as a common mechanism for the polyGln ataxias. Cell reports, 45(1), 116741.

Xie Y, et al. (2025) Activity-dependent synthesis of Emerin gates neuronal plasticity by regulating proteostasis. Cell reports, 44(4), 115439.

Pepe S, et al. (2025) TBC1D24 interacts with the v-ATPase and regulates intraorganellar pH in neurons. iScience, 28(1), 111515.

Reuss AM, et al. (2025) Neuropathological Characterisation of McLeod Syndrome With a Proposed New Grading System. Neuropathology and applied neurobiology, 51(5), e70039.

Wu R, et al. (2024) Disruption of nuclear speckle integrity dysregulates RNA splicing in C9ORF72-FTD/ALS. Neuron, 112(20), 3434.

López-Murillo C, et al. (2024) Differences in vocal brain areas and astrocytes between the house wren and the rufous-tailed hummingbird. Frontiers in neuroanatomy, 18, 1339308.

Kohle F, et al. (2023) Kinesin-5 inhibition improves neural regeneration in experimental autoimmune neuritis. Journal of neuroinflammation, 20(1), 139.

Wang Y, et al. (2023) TPL2 kinase activity regulates microglial inflammatory responses and promotes neurodegeneration in tauopathy mice. eLife, 12.

Tresenrider A, et al. (2023) Single-cell sequencing of individual retinal organoids reveals determinants of cell-fate heterogeneity. Cell reports methods, 3(8), 100548.

Fang Q, et al. (2023) YTHDF1 phase separation triggers the fate transition of spermatogonial stem cells by activating the I?B-NF-?B-CCND1 axis. Cell reports, 42(4), 112403.

Mut-Arbona P, et al. (2023) Dual Role of the P2X7 Receptor in Dendritic Outgrowth during Physiological and Pathological Brain Development. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(7), 1125.

Dragic M, et al. (2022) Expression of Ectonucleoside Triphosphate Diphosphohydrolase 2 (NTPDase2) Is Negatively Regulated Under Neuroinflammatory Conditions In Vivo and In Vitro. ASN neuro, 14, 17590914221102068.

Wu X, et al. (2022) Synaptic hyperexcitability of cytomegalic pyramidal neurons contributes to epileptogenesis in tuberous sclerosis complex. Cell reports, 40(3), 111085.

Janas JA, et al. (2022) Tip60-mediated H2A.Z acetylation promotes neuronal fate specification and bivalent gene activation. Molecular cell, 82(24), 4627.

Tröger J, et al. (2022) Spinal cord synaptic plasticity by GlyR? release from receptor fields and syndapin I-dependent uptake. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(35), 6706.