

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

MAP2 Antibody

RRID:AB_10693782

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4542, RRID:AB_10693782

Antibody Information

URL: http://antibodyregistry.org/AB_10693782

Proper Citation: Cell Signaling Technology Cat# 4542, RRID:AB_10693782

Target Antigen: MAP2

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IF-F, IF-IC. Consolidation on 10/2018: AB_10693782, AB_2144160.

Antibody Name: MAP2 Antibody

Description: This polyclonal targets MAP2

Target Organism: rat, h, m, mouse, r, human, mk

Antibody ID: AB_10693782

Vendor: Cell Signaling Technology

Catalog Number: 4542

Record Creation Time: 20231110T070218+0000

Record Last Update: 20260829T023420+0000

Ratings and Alerts

No rating or validation information has been found for MAP2 Antibody.

No alerts have been found for MAP2 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 54 mentions in open access literature.

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

Ghoochani A, et al. (2026) Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder. *Cell*, 189(3), 765.

Yang Z, et al. (2026) AMPK-p38 axis converts human pluripotent stem cells to naive state. *iScience*, 29(5), 115569.

Kobayashi A, et al. (2026) tRNA-derived fragments elevated in Alzheimer's disease promote Tau aggregation. *bioRxiv : the preprint server for biology*.

Lin Y, et al. (2026) Patient-specific midbrain organoids with CRISPR correction recapitulate neuronopathic Gaucher disease phenotypes and enable evaluation of novel therapies. *eLife*, 15.

Sun Z, et al. (2026) Three-dimensional direct neuronal reprogramming for modeling Alzheimer's disease neuropathology. *Nature protocols*.

Wang G, et al. (2026) Multi-omics integration combined with multi-source weighted analysis identifies a key microRNA combination that reverses ??-synuclein aggregation and pathological phenotypes in Parkinson's disease. *International journal of biological macromolecules*, 375, 153252.

Chan BKC, et al. (2025) A combined enteric neuron-gastric tumor organoid reveals metabolic vulnerabilities in gastric cancer. *Cell stem cell*.

Casotto A, et al. (2025) Mapping spatial organization of in vitro neuronal networks using high-content imaging. *Scientific reports*, 16(1), 88.

Cabana VC, et al. (2025) RNF13 variants L311S and L312P associated with developmental epileptic encephalopathy alter dendritic organization in hippocampal neurons. *IBRO neuroscience reports*, 18, 559.

Wang NB, et al. (2025) Compact transcription factor cassettes generate functional, engraftable motor neurons by direct conversion. *Cell systems*, 16(4), 101206.

Wang G, et al. (2025) Multi-omics integration reveals key miRNAs, immune inflammation, and signaling pathways in Alzheimer's disease: Implications for targeted therapy. *International journal of biological macromolecules*, 329(Pt 2), 147874.

Cates K, et al. (2025) Fate erasure logic of gene networks underlying direct neuronal conversion of somatic cells by microRNAs. *Cell reports*, 44(1), 115153.

Wang NB, et al. (2025) Proliferation history and transcription factor levels drive direct conversion to motor neurons. *Cell systems*, 16(4), 101205.

Fan Q, et al. (2024) Modeling the precise interaction of glioblastoma with human brain region-specific organoids. *iScience*, 27(3), 109111.

Zhang Y, et al. (2024) Potassium ion channel modulation at cancer-neural interface enhances neuronal excitability in epileptogenic glioblastoma multiforme. *Neuron*.

Xue W, et al. (2024) Effective cryopreservation of human brain tissue and neural organoids. *Cell reports methods*, 4(5), 100777.

Aleo SJ, et al. (2024) Genetic variants affecting NQO1 protein levels impact the efficacy of idebenone treatment in Leber hereditary optic neuropathy. *Cell reports. Medicine*, 5(2), 101383.

Bortolami A, et al. (2023) Integrin-KCNB1 potassium channel complexes regulate neocortical neuronal development and are implicated in epilepsy. *Cell death and differentiation*, 30(3), 687.

Li J, et al. (2023) SRSF10 regulates proliferation of neural progenitor cells and affects neurogenesis in developing mouse neocortex. *iScience*, 26(7), 107042.

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.