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: Metap2

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 Metap2

Target Organism: rat, mouse, human

Antibody ID: AB_10693782

Vendor: Cell Signaling Technology

Catalog Number: 4542

Record Creation Time: 20231110T050216+0000

Record Last Update: 20260829T101032+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.

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

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

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.

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.

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.

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.

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.

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