Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

Monoclonal Anti-Tubulin, Polyglutamylated antibody produced in mouse

RRID:AB_477598
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# T9822, RRID:AB_477598)

Antibody Information

URL: http://antibodyregistry.org/AB_477598

Proper Citation: (Sigma-Aldrich Cat# T9822, RRID:AB_477598)

Target Antigen: Tubulin Polyglutamylated antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgM; IgM Other; Western Blot; ELISA; Immunocytochemistry; immunocytochemistry: suitable immunoblotting: 1-2 mug/mL using whole extract of cultured normal rat kidney (NRK) cells, microarray: suitable, indirect ELISA: suitable

Antibody Name: Monoclonal Anti-Tubulin, Polyglutamylated antibody produced in mouse

Description: This monoclonal targets Tubulin Polyglutamylated antibody produced in mouse

Target Organism: chicken, monkey, rat, amoebaprotozoa, mouse, chickenbird, rabbit, bovine, human

Antibody ID: AB_477598

Vendor: Sigma-Aldrich

Catalog Number: T9822

Record Creation Time: 20241016T234124+0000

Record Last Update: 20241017T010538+0000

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-Tubulin, Polyglutamylated antibody produced in mouse.

No alerts have been found for Monoclonal Anti-Tubulin, Polyglutamylated antibody produced in mouse.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Al Kabbani MA, et al. (2025) Effects of P301L-TAU on post-translational modifications of microtubules in human iPSC-derived cortical neurons and TAU transgenic mice. Neural regeneration research, 20(8), 2348.

Moise K, et al. (2024) Endothelial cell elongation and alignment in response to shear stress requires acetylation of microtubules. Frontiers in physiology, 15, 1425620.

Shen Y, et al. (2024) Microtubule-associated protein MAP7 promotes tubulin posttranslational modifications and cargo transport to enable osmotic adaptation. Developmental cell, 59(12), 1553.

Liang C, et al. (2022) Carboxypeptidase E Independently Changes Microtubule Glutamylation, Dendritic Branching, and Neuronal Migration. ASN neuro, 14, 17590914211062765.

Zhou L, et al. (2022) Nna1, Essential for Purkinje Cell Survival, Is also Associated with Emotion and Memory. International journal of molecular sciences, 23(21).

Meka DP, et al. (2022) Centrosome-dependent microtubule modifications set the conditions for axon formation. Cell reports, 39(3), 110686.

Wareham LK, et al. (2021) Interleukin-6 promotes microtubule stability in axons via Stat3 protein-protein interactions. iScience, 24(10), 103141.

Ran J, et al. (2020) ASK1-Mediated Phosphorylation Blocks HDAC6 Ubiquitination and Degradation to Drive the Disassembly of Photoreceptor Connecting Cilia. Developmental cell, 53(3), 287.

Martin M, et al. (2018) Control of endothelial cell polarity and sprouting angiogenesis by non-centrosomal microtubules. eLife, 7.

Zhou L, et al. (2018) Deletion of exons encoding carboxypeptidase domain of Nna1 results in Purkinje cell degeneration (pcd) phenotype. Journal of neurochemistry, 147(4), 557.