

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Apr 25, 2024

## Rabbit Anti-Tubulin, Detyrosinated , Unconjugated

RRID:AB\_177350

Type: Antibody

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### Proper Citation

(Millipore Cat# AB3201, RRID:AB\_177350)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_177350](http://antibodyregistry.org/AB_177350)

**Proper Citation:** (Millipore Cat# AB3201, RRID:AB\_177350)

**Target Antigen:** Tubulin, Detyrosinated

**Host Organism:** rabbit

**Clonality:** unknown

**Comments:** seller recommendations: Western Blotting, Immunohistochemistry (Paraffin)

**Antibody Name:** Rabbit Anti-Tubulin, Detyrosinated , Unconjugated

**Description:** This unknown targets Tubulin, Detyrosinated

**Target Organism:** bovine, canine, donkey, feline, hamster, horse, human, mouse, other, porcine, rabbit, rat, sheep, simian, human, mouse, rat, mammals

**Defining Citation:** [PMID:23649873](https://pubmed.ncbi.nlm.nih.gov/23649873/)

**Antibody ID:** AB\_177350

**Vendor:** Millipore

**Catalog Number:** AB3201

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### Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Tubulin, Detyrosinated ,

Unconjugated.

No alerts have been found for Rabbit Anti-Tubulin, Detyrosinated , Unconjugated.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 22 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Ho KH, et al. (2023) CAMSAP2 localizes to the Golgi in islet  $\beta$ -cells and facilitates Golgi-ER trafficking. *iScience*, 26(2), 105938.

Leibinger M, et al. (2023) Inhibition of microtubule detyrosination by parthenolide facilitates functional CNS axon regeneration. *eLife*, 12.

Fu G, et al. (2023) Integrated regulation of tubulin tyrosination and microtubule stability by human  $\beta$ -tubulin isoforms. *Cell reports*, 42(6), 112653.

Rosito M, et al. (2023) Microglia reactivity entails microtubule remodeling from acentrosomal to centrosomal arrays. *Cell reports*, 42(2), 112104.

Qian X, et al. (2022) Loss of non-motor kinesin KIF26A causes congenital brain malformations via dysregulated neuronal migration and axonal growth as well as apoptosis. *Developmental cell*, 57(20), 2381.

Landskron L, et al. (2022) Posttranslational modification of microtubules by the MATCAP detyrosinase. *Science (New York, N.Y.)*, 376(6595), eabn6020.

Gastaldi L, et al. (2022) BARS Influences Neuronal Development by Regulation of Post-Golgi Trafficking. *Cells*, 11(8).

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

Rivera-Molina FE, et al. (2021) Exocyst complex mediates recycling of internal cilia. *Current biology : CB*, 31(24), 5580.

Heib T, et al. (2021) RhoA/Cdc42 signaling drives cytoplasmic maturation but not endomitosis in megakaryocytes. *Cell reports*, 35(6), 109102.

Chen Y, et al. (2020) Wdr47 Controls Neuronal Polarization through the Camsap Family Microtubule Minus-End-Binding Proteins. *Cell reports*, 31(3), 107526.

Li F, et al. (2020) Cryo-EM structure of VASH1-SVBP bound to microtubules. *eLife*, 9.

Wang R, et al. (2019) Tubulin detyrosination promotes human trophoblast syncytium formation. *Journal of molecular cell biology*, 11(11), 967.

Otsu W, et al. (2019) The Late Endosomal Pathway Regulates the Ciliary Targeting of Tetraspanin Protein Peripherin 2. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(18), 3376.

Farías GG, et al. (2019) Feedback-Driven Mechanisms between Microtubules and the Endoplasmic Reticulum Instruct Neuronal Polarity. *Neuron*, 102(1), 184.

Inami Y, et al. (2018) Inhibition of glycogen synthase kinase-3 reduces extension of the axonal leading process by destabilizing microtubules in cerebellar granule neurons. *Brain research*, 1690, 51.

Latremoliere A, et al. (2018) Neuronal-Specific TUBB3 Is Not Required for Normal Neuronal Function but Is Essential for Timely Axon Regeneration. *Cell reports*, 24(7), 1865.

Bisbal M, et al. (2018) Rotenone inhibits axonogenesis via an Lfc/RhoA/ROCK pathway in cultured hippocampal neurons. *Journal of neurochemistry*, 146(5), 570.

Tortosa E, et al. (2017) Dynamic Palmitoylation Targets MAP6 to the Axon to Promote Microtubule Stabilization during Neuronal Polarization. *Neuron*, 94(4), 809.

Leibinger M, et al. (2017) Boosting CNS axon regeneration by harnessing antagonistic effects of GSK3 activity. *Proceedings of the National Academy of Sciences of the United States of America*, 114(27), E5454.