

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

Acetyl-?-Tubulin (Lys40) (D20G3) XP® Rabbit mAb

RRID:AB_10544694

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5335, RRID:AB_10544694

Antibody Information

URL: http://antibodyregistry.org/AB_10544694

Proper Citation: Cell Signaling Technology Cat# 5335, RRID:AB_10544694

Target Antigen: Acetyl-?-Tubulin (Lys40)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: WB, IP, IF-F, IF-IC, FC-FP. Consolidation on 10/2018: AB_10544694, AB_10548757.

Antibody Name: Acetyl-?-Tubulin (Lys40) (D20G3) XP® Rabbit mAb

Description: This monoclonal targets Acetyl-?-Tubulin (Lys40)

Target Organism: monkey, rat, mouse, zebrafish, human

Clone ID: D20G3

Antibody ID: AB_10544694

Vendor: Cell Signaling Technology

Catalog Number: 5335

Record Creation Time: 20250820T003712+0000

Record Last Update: 20250820T084533+0000

Ratings and Alerts

No rating or validation information has been found for Acetyl- γ -Tubulin (Lys40) (D20G3) XP® Rabbit mAb.

No alerts have been found for Acetyl- γ -Tubulin (Lys40) (D20G3) XP® Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 59 mentions in open access literature.

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

Fischer S, et al. (2026) Loss of ADAMTS9 disrupts ciliogenesis and collagen homeostasis resulting in Nephronophthisis-like polycystic kidneys. bioRxiv : the preprint server for biology.

Pudlowski R, et al. (2025) A delta-tubulin/epsilon-tubulin/Ted protein complex is required for centriole architecture. eLife, 13.

Yang Z, et al. (2025) Cross-species tropism of AAV.CPP.16 in the respiratory tract and its gene therapies against pulmonary fibrosis and viral infection. Cell reports. Medicine, 6(6), 102144.

Brito S, et al. (2025) Age-associated interplay between zinc deficiency and Golgi stress hinders microtubule-dependent cellular signaling and epigenetic control. Developmental cell, 60(9), 1304.

Ke X, et al. (2025) Morphogenesis and regeneration share a conserved core transition cell state program that controls lung epithelial cell fate. Developmental cell, 60(6), 819.

Aceitón P, et al. (2025) B cell mechanotransduction via ATAT1 coordinates actin and lysosomal dynamics at the immune synapse. The Journal of cell biology, 224(8).

Whim MD, et al. (2025) Mouse Adrenal Macrophages Are Associated with Pre- and Postsynaptic Neuronal Elements and Respond to Multiple Neuromodulators. eNeuro, 12(2).

Pi D, et al. (2025) Resolving the design principles that control post-natal vascular growth and scaling. Cell systems, 16(7), 101324.

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.

Rao VG, et al. (2025) Mechanisms of cilia regeneration in Xenopus multiciliated epithelium in vivo. EMBO reports, 26(8), 2192.

Xun Y, et al. (2025) GPR45 modulates G β s at primary cilia of the paraventricular hypothalamus to control food intake. *Science* (New York, N.Y.), 388(6751), eadp3989.

Zhou Y, et al. (2025) Loss-of-function variants in ciliary genes confer high risk for tetralogy of Fallot. *Science advances*, 11(41), eadt0836.

Zhao M, et al. (2024) Sorl1 knockout inhibits expression of brain-derived neurotrophic factor: involvement in the development of late-onset Alzheimer's disease. *Neural regeneration research*, 19(7), 1602.

Chhabra Y, et al. (2024) Roles of Growth Hormone-Dependent JAK-STAT5 and Lyn Kinase Signaling in Determining Lifespan and Cancer Incidence. *Endocrinology*, 165(11).

Liu M, et al. (2024) Kidney organoid models reveal cilium-autophagy metabolic axis as a therapeutic target for PKD both in vitro and in vivo. *Cell stem cell*, 31(1), 52.

Guan D, et al. (2024) Central inhibition of HDAC6 re-sensitizes leptin signaling during obesity to induce profound weight loss. *Cell metabolism*, 36(4), 857.

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

Ho KH, et al. (2023) Choroid plexuses carry nodal-like cilia that undergo axoneme regression from early adult stage. *Developmental cell*, 58(23), 2641.

Zhou L, et al. (2023) Structures of sperm flagellar doublet microtubules expand the genetic spectrum of male infertility. *Cell*, 186(13), 2897.

Jewett CE, et al. (2023) Trisomy 21 induces pericentrosomal crowding delaying primary ciliogenesis and mouse cerebellar development. *eLife*, 12.