

Resource Summary Report

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tubulin (alpha-) antibody - Walsh, C.; University of Pittsburgh

RRID:AB_579793

Type: Antibody

Proper Citation

DSHB Cat# AA4.3, RRID:AB_579793

Antibody Information

URL: http://antibodyregistry.org/AB_579793

Proper Citation: DSHB Cat# AA4.3, RRID:AB_579793

Target Antigen: tubulin (alpha-)

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): ELISA, Immunohistochemistry, Immunoprecipitation, Western Blot; Date Deposited: 12/20/2005

Antibody Name: tubulin (alpha-) antibody - Walsh, C.; University of Pittsburgh

Description: This monoclonal targets tubulin (alpha-)

Target Organism: Human, C. elegans, Rat, Protist, Mammal, Plant, Broad species, Mouse, Fish, Worm, Drosophila melanogaster

Defining Citation: [PMID:21878640](#), [PMID:21295481](#), [PMID:22493714](#), [PMID:19166477](#), [PMID:20300654](#), [PMID:21505150](#), [PMID:21325887](#), [PMID:20720123](#), [PMID:18201698](#), [PMID:25588307](#), [PMID:19018277](#), [PMID:6363422](#), [PMID:25281900](#), [PMID:26924047](#), [PMID:3654753](#), [PMID:19609361](#), [PMID:26832192](#), [PMID:22952930](#), [PMID:20660156](#), [PMID:23342118](#), [PMID:26161293](#)

Antibody ID: AB_579793

Vendor: DSHB

Catalog Number: AA4.3

Record Creation Time: 20250820T033037+0000

Record Last Update: 20250820T162626+0000

Ratings and Alerts

No rating or validation information has been found for tubulin (alpha-) antibody - Walsh, C.; University of Pittsburgh.

No alerts have been found for tubulin (alpha-) antibody - Walsh, C.; University of Pittsburgh.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Lammert SD, et al. (2026) Increased Glycine-N-methyltransferase expression disrupts light-dependent gene expression rhythms in the Drosophila eye. *Journal of cell science*, 139(7).

Min S, et al. (2025) piRNAs safeguard splicing and RNA fidelity during heat shock. *bioRxiv* : the preprint server for biology.

Voglewede MM, et al. (2024) Loss of the polarity protein Par3 promotes dendritic spine neoteny and enhances learning and memory. *iScience*, 27(7), 110308.

Zeger M, et al. (2024) tsCRISPR based identification of Rab proteins required for the recycling of Drosophila TRPL ion channel. *Frontiers in cell and developmental biology*, 12, 1444953.

Metaxakis A, et al. (2023) Neuronal atg1 Coordinates Autophagy Induction and Physiological Adaptations to Balance mTORC1 Signalling. *Cells*, 12(16).

Rosado-Ramos R, et al. (2023) Genipin prevents alpha-synuclein aggregation and toxicity by affecting endocytosis, metabolism and lipid storage. *Nature communications*, 14(1), 1918.

Palikaras K, et al. (2023) Age-dependent nuclear lipid droplet deposition is a cellular hallmark of aging in *Caenorhabditis elegans*. *Aging cell*, 22(4), e13788.

Wang Q, et al. (2023) Hedgehog receptors exert immune-surveillance roles in the epidermis across species. *Cell reports*, 42(8), 112929.

Bui S, et al. (2023) Common Markers and Small Molecule Inhibitors in Golgi Studies. *Methods in molecular biology* (Clifton, N.J.), 2557, 453.

Gaspar CJ, et al. (2023) Xport-A functions as a chaperone by stabilizing the first five transmembrane domains of rhodopsin-1. *iScience*, 26(12), 108309.

Hargitai D, et al. (2022) Autophagy controls Wolbachia infection upon bacterial damage and in aging *Drosophila*. *Frontiers in cell and developmental biology*, 10, 976882.

McGann JC, et al. (2021) The Genome-Wide Binding Profile for Human RE1 Silencing Transcription Factor Unveils a Unique Genetic Circuitry in Hippocampus. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(31), 6582.

Das S, et al. (2021) Gene bookmarking by the heat shock transcription factor programs the insulin-like signaling pathway. *Molecular cell*, 81(23), 4843.

Cohen-Berkman M, et al. (2020) Endogenous siRNAs promote proteostasis and longevity in germline-less *Caenorhabditis elegans*. *eLife*, 9.

Das S, et al. (2020) Serotonin signaling by maternal neurons upon stress ensures progeny survival. *eLife*, 9.

Princz A, et al. (2020) SUMO promotes longevity and maintains mitochondrial homeostasis during ageing in *Caenorhabditis elegans*. *Scientific reports*, 10(1), 15513.

Cheung TP, et al. (2020) BK channel density is regulated by endoplasmic reticulum associated degradation and influenced by the SKN-1A/NRF1 transcription factor. *PLoS genetics*, 16(6), e1008829.

L??rincz P, et al. (2019) Vps8 overexpression inhibits HOPS-dependent trafficking routes by outcompeting Vps41/Lt. *eLife*, 8.

Oh KH, et al. (2019) BK channel clustering is required for normal behavioral alcohol sensitivity in *C. elegans*. *Scientific reports*, 9(1), 10224.

Moraru A, et al. (2018) Elevated Levels of the Reactive Metabolite Methylglyoxal Recapitulate Progression of Type 2 Diabetes. *Cell metabolism*, 27(4), 926.