

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

[neurofilament associated antibody - Jessell, T.M. / Dodd, J. / Brenner-Morton, S.; HHMI/Columbia University](#)

RRID:AB_531874

Type: Antibody

Proper Citation

DSHB Cat# 3A10, RRID:AB_531874

Antibody Information

URL: http://antibodyregistry.org/AB_531874

Proper Citation: DSHB Cat# 3A10, RRID:AB_531874

Target Antigen: neurofilament associated

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Immunofluorescence, Immunohistochemistry; Date Deposited: 03/15/1989

Antibody Name: neurofilament associated antibody - Jessell, T.M. / Dodd, J. / Brenner-Morton, S.; HHMI/Columbia University

Description: This monoclonal targets neurofilament associated

Target Organism: Human, Xenopus, Rat, Shark, Zebrafish, Quail, Planaria, Mouse, Fish, Chicken, Gecko

Defining Citation: [PMID:23523635](#), [PMID:21880787](#), [PMID:24135485](#), [PMID:15229183](#), [PMID:24335214](#), [PMID:23404108](#), [PMID:24912067](#), [PMID:23047046](#), [PMID:1769341](#), [PMID:8978605](#), [PMID:24902847](#), [PMID:23164962](#), [PMID:25047640](#), [PMID:3055291](#), [PMID:17344415](#), [PMID:23349787](#), [PMID:24701642](#), [PMID:23591896](#), [PMID:23347046](#), [PMID:23578930](#), [PMID:25149090](#), [PMID:24728940](#), [PMID:23052218](#), [PMID:24289807](#), [PMID:24151219](#), [PMID:24456709](#), [PMID:24318965](#), [PMID:19260055](#), [PMID:24423647](#), [PMID:12091300](#), [PMID:24239556](#), [PMID:12954879](#), [PMID:24044555](#), [PMID:22987750](#), [PMID:16261616](#), [PMID:23978511](#), [PMID:19013446](#), [PMID:11948917](#), [PMID:24904058](#), [PMID:23739132](#), [PMID:1618139](#), [PMID:25036163](#), [PMID:24631215](#), [PMID:10379921](#),

[PMID:10079233](#), [PMID:21884693](#), [PMID:24374159](#), [PMID:9662653](#), [PMID:23632169](#),
[PMID:19374551](#), [PMID:24262204](#), [PMID:22996643](#), [PMID:25009468](#), [PMID:24573296](#),
[PMID:22363697](#), [PMID:26955910](#), [PMID:26408263](#), [PMID:19937772](#), [PMID:15317943](#),
[PMID:19015275](#), [PMID:24878353](#), [PMID:23469201](#), [PMID:23760472](#)

Antibody ID: AB_531874

Vendor: DSHB

Catalog Number: 3A10

Record Creation Time: 20231110T044227+0000

Record Last Update: 20260829T005119+0000

Ratings and Alerts

No rating or validation information has been found for neurofilament associated antibody - Jessell, T.M. / Dodd, J. / Brenner-Morton, S.; HHMI/Columbia University.

No alerts have been found for neurofilament associated antibody - Jessell, T.M. / Dodd, J. / Brenner-Morton, S.; HHMI/Columbia University.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Zacher AC, et al. (2025) Oligodendrocyte arrangement, identification and morphology in the developing superior olivary complex. *Frontiers in cellular neuroscience*, 19, 1561312.

Tan K, et al. (2025) Functional evidence for early origin of tactile acuity in the vertebrate somatosensory system. *Current biology : CB*.

Lopez-Blanch L, et al. (2025) Phenotypic impact of individual conserved neuronal microexons and their master regulators in zebrafish. *eLife*, 13.

Reyes-Pinto R, et al. (2024) Early Development of the Thalamo-Pallial Stage of the Tectofugal Visual Pathway in the Chicken (*Gallus gallus*). *The Journal of comparative neurology*, 532(7), e25657.

Vagionitis S, et al. (2022) Clusters of neuronal neurofascin prefigure the position of a subset of nodes of Ranvier along individual central nervous system axons in vivo. *Cell reports*, 38(7), 110366.

Saenz DE, et al. (2021) Derived loss of signal complexity and plasticity in a genus of weakly electric fish. *The Journal of experimental biology*, 224(12).

Panlilio JM, et al. (2021) Developmental Exposure to Domoic Acid Disrupts Startle Response Behavior and Circuitry in Zebrafish. *Toxicological sciences : an official journal of the Society of Toxicology*, 182(2), 310.

Fernández M, et al. (2021) A canonical interlaminar circuit in the sensory dorsal ventricular ridge of birds: The anatomical organization of the trigeminal pallium. *The Journal of comparative neurology*, 529(14), 3410.

Brun NR, et al. (2021) Developmental exposure to non-dioxin-like polychlorinated biphenyls promotes sensory deficits and disrupts dopaminergic and GABAergic signaling in zebrafish. *Communications biology*, 4(1), 1129.

Kesner P, et al. (2020) Postsynaptic and Presynaptic NMDARs Have Distinct Roles in Visual Circuit Development. *Cell reports*, 32(4), 107955.

Spencer KA, et al. (2019) Growth at Cold Temperature Increases the Number of Motor Neurons to Optimize Locomotor Function. *Current biology : CB*, 29(11), 1787.

Shigeoka T, et al. (2019) On-Site Ribosome Remodeling by Locally Synthesized Ribosomal Proteins in Axons. *Cell reports*, 29(11), 3605.

Fassier C, et al. (2018) Motor axon navigation relies on Fidgetin-like 1-driven microtubule plus end dynamics. *The Journal of cell biology*, 217(5), 1719.

Cagnetta R, et al. (2018) Rapid Cue-Specific Remodeling of the Nascent Axonal Proteome. *Neuron*, 99(1), 29.

Jung H, et al. (2018) The Ancient Origins of Neural Substrates for Land Walking. *Cell*, 172(4), 667.

Ladam F, et al. (2018) TALE factors use two distinct functional modes to control an essential zebrafish gene expression program. *eLife*, 7.

Cardeña-Núñez S, et al. (2017) Expression patterns of *Irx* genes in the developing chick inner ear. *Brain structure & function*, 222(5), 2071.

Munnamalai V, et al. (2017) Wnt9a Can Influence Cell Fates and Neural Connectivity across the Radial Axis of the Developing Cochlea. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(37), 8975.

Watanabe T, et al. (2017) Coordinated Expression of Two Types of Low-Threshold K⁺ Channels Establishes Unique Single Spiking of Mauthner Cells among Segmentally Homologous Neurons in the Zebrafish Hindbrain. *eNeuro*, 4(5).

Varadarajan SG, et al. (2017) Netrin1 Produced by Neural Progenitors, Not Floor Plate Cells, Is Required for Axon Guidance in the Spinal Cord. *Neuron*, 94(4), 790.