

# Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

## Purified anti-Neurofilament H (NF-H), Phosphorylated

RRID:AB\_2564641

Type: Antibody

### Proper Citation

BioLegend Cat# 801601, RRID:AB\_2564641

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2564641](http://antibodyregistry.org/AB_2564641)

**Proper Citation:** BioLegend Cat# 801601, RRID:AB\_2564641

**Target Antigen:** Neurofilament H

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: IHC-P, WB, ICC

**Antibody Name:** Purified anti-Neurofilament H (NF-H), Phosphorylated

**Description:** This monoclonal targets Neurofilament H

**Target Organism:** rat, mouse, human

**Clone ID:** Clone SMI 31

**Antibody ID:** AB\_2564641

**Vendor:** BioLegend

**Catalog Number:** 801601

**Alternative Catalog Numbers:** 801602

**Record Creation Time:** 20231110T035206+0000

**Record Last Update:** 20260831T220642+0000

### Ratings and Alerts

No rating or validation information has been found for Purified anti-Neurofilament H (NF-H), Phosphorylated.

No alerts have been found for Purified anti-Neurofilament H (NF-H), Phosphorylated.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Blackburn E, et al. (2026) Impaired BDNF-TrkB trafficking and signalling in Down syndrome basal forebrain neurons. *Cell death & disease*, 17(1), 214.

Olson CS, et al. (2026) Multiple Longitudinal Tracts in the Cephalopod Arm Sensorimotor System. *The Journal of comparative neurology*, 534(5), e70165.

Olson CS, et al. (2025) Molecular and Morphological Circuitry of the Octopus Sucker Ganglion. *The Journal of comparative neurology*, 533(5), e70055.

Wang M, et al. (2025) Enhanced Small Extracellular Vesicle Uptake by Activated Interneurons Improves Stroke Recovery in Mice. *Journal of extracellular biology*, 4(3), e70036.

Olson CS, et al. (2025) Molecular and morphological circuitry of the octopus sucker ganglion. *bioRxiv : the preprint server for biology*.

Uruk G, et al. (2024) Cofilactin rod formation mediates inflammation-induced neurite degeneration. *Cell reports*, 43(3), 113914.

Palanivel V, et al. (2024) Neuropeptide Y receptor activation preserves inner retinal integrity through PI3K/Akt signaling in a glaucoma mouse model. *PNAS nexus*, 3(8), pgae299.

Forston MD, et al. (2023) Enhanced oxidative phosphorylation, re-organized intracellular signaling, and epigenetic de-silencing as revealed by oligodendrocyte transcriptome analysis after contusive spinal cord injury. *Scientific reports*, 13(1), 21254.

Basavarajappa D, et al. (2023) Siponimod exerts neuroprotective effects on the retina and higher visual pathway through neuronal S1PR1 in experimental glaucoma. *Neural regeneration research*, 18(4), 840.

Lin W, et al. (2023) Dendritic spine formation and synapse maturation in transcription factor-induced human iPSC-derived neurons. *iScience*, 26(4), 106285.

Huang H, et al. (2023) Disruption of neuronal RHEB signaling impairs oligodendrocyte differentiation and myelination through mTORC1-DLK1 axis. *Cell reports*, 42(7), 112801.

Forston MD, et al. (2023) Enhanced oxidative phosphorylation, re-organized intracellular signaling, and epigenetic de-silencing as revealed by oligodendrocyte transcriptome analysis after contusive spinal cord injury. *Research square*.

Xu X, et al. (2022) Adenosine A2A receptors control synaptic remodeling in the adult brain. *Scientific reports*, 12(1), 14690.

Roy ER, et al. (2022) Concerted type I interferon signaling in microglia and neural cells promotes memory impairment associated with amyloid  $\beta$  plaques. *Immunity*, 55(5), 879.

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

Johari M, et al. (2021) Missense mutations in small muscle protein X-linked (SMPX) cause distal myopathy with protein inclusions. *Acta neuropathologica*, 142(2), 375.

Alçada-Morais S, et al. (2021) Adenosine A2A Receptors Contribute to the Radial Migration of Cortical Projection Neurons through the Regulation of Neuronal Polarization and Axon Formation. *Cerebral cortex (New York, N.Y. : 1991)*, 31(12), 5652.

Jia L, et al. (2021) Rheb-regulated mitochondrial pyruvate metabolism of Schwann cells linked to axon stability. *Developmental cell*, 56(21), 2980.

Viar K, et al. (2020) Sarm1 knockout protects against early but not late axonal degeneration in experimental allergic encephalomyelitis. *PloS one*, 15(6), e0235110.

McWilliams IL, et al. (2019) Pseudovirus rVSV $\Delta$ G-ZEBOV-GP Infects Neurons in Retina and CNS, Causing Apoptosis and Neurodegeneration in Neonatal Mice. *Cell reports*, 26(7), 1718.