

Resource Summary Report

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Human/Mouse/Rat Neurofascin Affinity Purified Polyclonal Ab

RRID:AB_10890736

Type: Antibody

Proper Citation

(R and D Systems Cat# AF3235, RRID:AB_10890736)

Antibody Information

URL: http://antibodyregistry.org/AB_10890736

Proper Citation: (R and D Systems Cat# AF3235, RRID:AB_10890736)

Target Antigen: Human/Mouse/Rat Neurofascin Affinity Purified Ab

Host Organism: chicken

Clonality: unknown

Comments: vendor recommendations: IgY; IgY Immunohistochemistry; Western Blot; Immunohistochemistry, Western Blot

Antibody Name: Human/Mouse/Rat Neurofascin Affinity Purified Polyclonal Ab

Description: This unknown targets Human/Mouse/Rat Neurofascin Affinity Purified Ab

Target Organism: rat, humanmouserat, mouse, human

Antibody ID: AB_10890736

Vendor: R and D Systems

Catalog Number: AF3235

Record Creation Time: 20241017T001211+0000

Record Last Update: 20241017T015036+0000

Ratings and Alerts

No rating or validation information has been found for Human/Mouse/Rat Neurofascin Affinity Purified Polyclonal Ab.

No alerts have been found for Human/Mouse/Rat Neurofascin Affinity Purified Polyclonal Ab.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. bioRxiv : the preprint server for biology.

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. Nature communications, 15(1), 10865.

Ogawa Y, et al. (2023) Antibody-directed extracellular proximity biotinylation reveals that Contactin-1 regulates axo-axonic innervation of axon initial segments. Nature communications, 14(1), 6797.

Ogawa Y, et al. (2023) Antibody-directed extracellular proximity biotinylation reveals Contactin-1 regulates axo-axonic innervation of axon initial segments. bioRxiv : the preprint server for biology.

Teliska LH, et al. (2022) Axon Initial Segments Are Required for Efficient Motor Neuron Axon Regeneration and Functional Recovery of Synapses. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(43), 8054.

Choi K, et al. (2021) Myelination defects in the medial prefrontal cortex of Fkbp5 knockout mice. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 35(2), e21297.

Stevens SR, et al. (2021) Ankyrin-R regulates fast-spiking interneuron excitability through perineuronal nets and Kv3.1b K⁺ channels. eLife, 10.

Pourhoseini S, et al. (2021) Neurofascin Is a Novel Component of Rod Photoreceptor Synapses in the Outer Retina. Frontiers in neural circuits, 15, 635849.

Zhang C, et al. (2021) Ankyrin-dependent Na⁺ channel clustering prevents neuromuscular synapse fatigue. *Current biology : CB*, 31(17), 3810.

Ogawa Y, et al. (2021) Endogenously expressed Ranbp2 is not at the axon initial segment. *Journal of cell science*, 134(6).

Chang KJ, et al. (2021) TDP-43 maximizes nerve conduction velocity by repressing a cryptic exon for paranodal junction assembly in Schwann cells. *eLife*, 10.

Torii T, et al. (2020) NuMA1 promotes axon initial segment assembly through inhibition of endocytosis. *The Journal of cell biology*, 219(2).

Liu CH, et al. (2020) ? spectrin-dependent and domain specific mechanisms for Na⁺ channel clustering. *eLife*, 9.

Liu CH, et al. (2020) Nodal ? spectrins are required to maintain Na⁺ channel clustering and axon integrity. *eLife*, 9.

Xu H, et al. (2020) m6A mRNA Methylation Is Essential for Oligodendrocyte Maturation and CNS Myelination. *Neuron*, 105(2), 293.

Zhang Y, et al. (2020) Accumulation of Neurofascin at Nodes of Ranvier Is Regulated by a Paranodal Switch. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(30), 5709.

Hamdan H, et al. (2020) Mapping axon initial segment structure and function by multiplexed proximity biotinylation. *Nature communications*, 11(1), 100.

Yermakov LM, et al. (2019) Impairment of cognitive flexibility in type 2 diabetic db/db mice. *Behavioural brain research*, 371, 111978.

Wang CC, et al. (2018) ?IV Spectrinopathies Cause Profound Intellectual Disability, Congenital Hypotonia, and Motor Axonal Neuropathy. *American journal of human genetics*, 102(6), 1158.

Griggs RB, et al. (2018) Methylglyoxal Disrupts Paranodal Axoglial Junctions via Calpain Activation. *ASN neuro*, 10, 1759091418766175.