Resource Summary Report

Generated by RRID on Aug 5, 2026

Anti-CASPR/Neurexin IV Antibody

RRID:AB_2083496
Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 75-001, RRID:AB_2083496

Antibody Information

URL: http://antibodyregistry.org/AB_2083496

Proper Citation: Antibodies Incorporated Cat# 75-001, RRID:AB_2083496

Target Antigen: CASPR/Neurexin IV

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IB, ICC, IHC, IP, KO, WB
Validation status: IF or IB (Pass), IB in brain (Pass), IHC in brain (Pass), KO (Pass)
This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-001, RRID:AB_2083496), supernatant (Antibodies Incorporated, Cat# 73-001, RRID:AB_10671175), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# K65/35, RRID:AB_2877274)

Antibody Name: Anti-CASPR/Neurexin IV Antibody

Description: This monoclonal targets CASPR/Neurexin IV

Target Organism: rat, mouse, gerbil, human

Clone ID: K65/35

Antibody ID: AB_2083496

Vendor: Antibodies Incorporated

Catalog Number: 75-001

Record Creation Time: 20250820T032603+0000

Record Last Update: 20250820T161409+0000

Ratings and Alerts

No rating or validation information has been found for Anti-CASPR/Neurexin IV Antibody.

No alerts have been found for Anti-CASPR/Neurexin IV Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 26 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Borrajo M, et al. (2025) Early downregulation of hair cell (HC)-specific genes in the vestibular sensory epithelium during chronic ototoxicity. Journal of biomedical science, 32(1), 84.

Zhang Y, et al. (2025) Neurons sequester the cholesterol-inhibiting TFEB in oligodendrocyte cytoplasm to safeguard myelination and neural function. Cell reports, 44(9), 116252.

Khandokar L, et al. (2025) Lead (Pb) exposure results in cell type specific changes in the mouse retina and optic nerve. bioRxiv : the preprint server for biology.

Borrajo M, et al. (2024) Maturation of type I and type II rat vestibular hair cells in vivo and in vitro. Frontiers in cell and developmental biology, 12, 1404894.

Tosolini AP, et al. (2024) The node of Ranvier influences the in vivo axonal transport of mitochondria and signaling endosomes. iScience, 27(11), 111158.

Miyazaki Y, et al. (2024) Oligodendrocyte-derived LGI3 and its receptor ADAM23 organize juxtaparanodal Kv1 channel clustering for short-term synaptic plasticity. Cell reports, 43(1), 113634.

Escobedo G, et al. (2024) An evolutionarily conserved AnkyrinG-dependent motif clusters axonal K2P K+ channels. The Journal of cell biology, 223(10).

Maroto AF, et al. (2023) The vestibular calyceal junction is dismantled following subchronic streptomycin in rats and sensory epithelium stress in humans. Archives of toxicology.

Mutschler C, et al. (2023) Schwann cells are axo-protective after injury irrespective of myelination status in mouse Schwann cell-neuron cocultures. Journal of cell science, 136(18).

Meschkat M, et al. (2022) White matter integrity in mice requires continuous myelin synthesis at the inner tongue. Nature communications, 13(1), 1163.

Pijuan I, et al. (2022) Impaired macroglial development and axonal conductivity contributes to the neuropathology of DYRK1A-related intellectual disability syndrome. Scientific reports, 12(1), 19912.

Liu H, et al. (2022) Direct Observation of Compartment-Specific Localization and Dynamics of Voltage-Gated Sodium Channels. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(28), 5482.

McGonigal R, et al. (2022) The role of gangliosides in the organisation of the node of Ranvier examined in glycosyltransferase transgenic mice. Journal of anatomy, 241(5), 1259.

Chen JF, et al. (2021) Enhancing myelin renewal reverses cognitive dysfunction in a murine model of Alzheimer's disease. Neuron, 109(14), 2292.

Cullen CL, et al. (2021) Periaxonal and nodal plasticities modulate action potential conduction in the adult mouse brain. Cell reports, 34(3), 108641.

García-León JA, et al. (2020) Generation of oligodendrocytes and establishment of an all-human myelinating platform from human pluripotent stem cells. Nature protocols, 15(11), 3716.

Yu Y, et al. (2020) Microglial Hv1 proton channels promote white matter injuries after chronic hypoperfusion in mice. Journal of neurochemistry, 152(3), 350.

Jarjour AA, et al. (2020) The formation of paranodal spirals at the ends of CNS myelin sheaths requires the planar polarity protein Vangl2. Glia, 68(9), 1840.

Kaczmarek-Hajek K, et al. (2018) Re-evaluation of neuronal P2X7 expression using novel mouse models and a P2X7-specific nanobody. eLife, 7.

Marion CM, et al. (2018) Experimental Traumatic Brain Injury Identifies Distinct Early and Late Phase Axonal Conduction Deficits of White Matter Pathophysiology, and Reveals Intervening Recovery. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(41), 8723.