Resource Summary Report

Generated by dkNET on Aug 20, 2026

Myelin Protein Zero antibody

RRID:AB_2144668
Type: Antibody

Proper Citation

Abcam Cat# ab31851, RRID:AB_2144668

Antibody Information

URL: http://antibodyregistry.org/AB_2144668

Proper Citation: Abcam Cat# ab31851, RRID:AB_2144668

Target Antigen: Myelin Protein Zero

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; Immunocytochemistry/Immunofluorescence, Immunohistochemistry-FoFr, Western Blot

Antibody Name: Myelin Protein Zero antibody

Description: This polyclonal targets Myelin Protein Zero

Target Organism: mouse, human

Antibody ID: AB_2144668

Vendor: Abcam

Catalog Number: ab31851

Record Creation Time: 20250820T000317+0000

Record Last Update: 20250820T071424+0000

Ratings and Alerts

No rating or validation information has been found for Myelin Protein Zero antibody.

No alerts have been found for Myelin Protein Zero antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Yang W, et al. (2025) Med20 regulates myelination in the peripheral nervous system by modulating ferroptosis of Schwann cells. Cell reports, 44(10), 116448.

Hu R, et al. (2024) Runx2 regulates peripheral nerve regeneration to promote Schwann cell migration and re-myelination. Neural regeneration research, 19(7), 1575.

Willows JW, et al. (2023) Schwann cells contribute to demyelinating diabetic neuropathy and nerve terminal structures in white adipose tissue. iScience, 26(3), 106189.

Wu S, et al. (2023) Endoplasmic reticulum associated degradation is essential for maintaining the viability or function of mature myelinating cells in adults. Glia, 71(5), 1360.

Wu S, et al. (2021) Endoplasmic reticulum associated degradation is required for maintaining endoplasmic reticulum homeostasis and viability of mature Schwann cells in adults. Glia, 69(2), 489.

Smith KE, et al. (2021) Divergent membrane properties of mouse cochlear glial cells around hearing onset. Journal of neuroscience research, 99(2), 679.

Zhang Y, et al. (2021) FGF21 impedes peripheral myelin development by stimulating p38 MAPK/c-Jun axis. Journal of cellular physiology, 236(2), 1345.

Tan C, et al. (2021) Effect of Schwann cell transplantation combined with electroacupuncture on axonal regeneration and remyelination in rats with spinal cord injury. Anatomical record (Hoboken, N.J. : 2007), 304(11), 2506.

Weinstock NI, et al. (2020) Macrophages Expressing GALC Improve Peripheral Krabbe Disease by a Mechanism Independent of Cross-Correction. Neuron, 107(1), 65.

Ha N, et al. (2020) A novel histone deacetylase 6 inhibitor improves myelination of Schwann cells in a model of Charcot-Marie-Tooth disease type 1A. British journal of pharmacology, 177(22), 5096.

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

Dias DO, et al. (2018) Reducing Pericyte-Derived Scarring Promotes Recovery after Spinal Cord Injury. Cell, 173(1), 153.

Lindborg JA, et al. (2017) Neutrophils Are Critical for Myelin Removal in a Peripheral Nerve Injury Model of Wallerian Degeneration. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(43), 10258.