Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

GAP43 antibody - Neuronal Marker

RRID:AB_443303
Type: Antibody

Proper Citation

(Abcam Cat# ab16053, RRID:AB_443303)

Antibody Information

URL: http://antibodyregistry.org/AB_443303

Proper Citation: (Abcam Cat# ab16053, RRID:AB_443303)

Target Antigen: GAP43 antibody - Neuronal Marker

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry - frozen; Immunofluorescence; Immunohistochemistry; Immunocytochemistry; Western Blot; ICC/IF, IHC (PFA fixed), IHC-Fr, WB

Antibody Name: GAP43 antibody - Neuronal Marker

Description: This polyclonal targets GAP43 antibody - Neuronal Marker

Target Organism: rat, mouse, human

Antibody ID: AB_443303

Vendor: Abcam

Catalog Number: ab16053

Record Creation Time: 20241016T234956+0000

Record Last Update: 20241017T011814+0000

Ratings and Alerts

No rating or validation information has been found for GAP43 antibody - Neuronal Marker.

No alerts have been found for GAP43 antibody - Neuronal Marker.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Toro CA, et al. (2023) Synaptojanin 1 Modulates Functional Recovery After Incomplete Spinal Cord Injury in Male Apolipoprotein E Epsilon 4 Mice. Neurotrauma reports, 4(1), 464.

Liu J, et al. (2023) Induced neural stem cells suppressed neuroinflammation by inhibiting the microglial pyroptotic pathway in intracerebral hemorrhage rats. iScience, 26(7), 107022.

Yang J, et al. (2023) A hyaluronic acid granular hydrogel nerve guidance conduit promotes regeneration and functional recovery of injured sciatic nerves in rats. Neural regeneration research, 18(3), 657.

Toro CA, et al. (2023) Boldine modulates glial transcription and functional recovery in a murine model of contusion spinal cord injury. bioRxiv : the preprint server for biology.

Toro CA, et al. (2023) Boldine modulates glial transcription and functional recovery in a murine model of contusion spinal cord injury. Frontiers in cellular neuroscience, 17, 1163436.

Zhu X, et al. (2022) Sympathectomy decreases pain behaviors and nerve regeneration by downregulating monocyte chemokine CCL2 in dorsal root ganglia in the rat tibial nerve crush model. Pain, 163(1), e106.

Toro CA, et al. (2021) The Human ApoE4 Variant Reduces Functional Recovery and Neuronal Sprouting After Incomplete Spinal Cord Injury in Male Mice. Frontiers in cellular neuroscience, 15, 626192.

Zeng CW, et al. (2021) Injury-induced Cavl-expressing cells at lesion rostral side play major roles in spinal cord regeneration. Open biology, 11(2), 200304.

Goncalves S, et al. (2020) Acute N-Acetylcysteine Administration Ameliorates Loss of Olfactory Neurons Following Experimental Injury In Vivo. Anatomical record (Hoboken, N.J. : 2007), 303(3), 626.

Talla V, et al. (2020) Targeted Krüppel-Like Factor 4 Gene Knock-Out in Retinal Ganglion Cells Improves Visual Function in Multiple Sclerosis Mouse Model. eNeuro, 7(2).

Xie W, et al. (2020) Localized sympathectomy reduces peripheral nerve regeneration and pain behaviors in 2 rat neuropathic pain models. Pain, 161(8), 1925.

Lin CY, et al. (2019) Extracellular Pgk1 enhances neurite outgrowth of motoneurons through Nogo66/NgR-independent targeting of NogoA. eLife, 8.

Yang D, et al. (2019) Axon-like protrusions promote small cell lung cancer migration and metastasis. eLife, 8.

Henschke JU, et al. (2018) Early sensory experience influences the development of multisensory thalamocortical and intracortical connections of primary sensory cortices. Brain structure & function, 223(3), 1165.

Ying Z, et al. (2018) Mixed Lineage Kinase Domain-like Protein MLKL Breaks Down Myelin following Nerve Injury. Molecular cell, 72(3), 457.

Xie W, et al. (2017) Active Nerve Regeneration with Failed Target Reinnervation Drives Persistent Neuropathic Pain. eNeuro, 4(1).

Machado CF, et al. (2017) Conditional Deletion of Ric-8b in Olfactory Sensory Neurons Leads to Olfactory Impairment. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(50), 12202.

Nazareth L, et al. (2015) Olfactory ensheathing cells are the main phagocytic cells that remove axon debris during early development of the olfactory system. The Journal of comparative neurology, 523(3), 479.