

Resource Summary Report

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GAP43 Antibody

RRID:AB_10001196

Type: Antibody

Proper Citation

(Novus Cat# NB300-143, RRID:AB_10001196)

Antibody Information

URL: http://antibodyregistry.org/AB_10001196

Proper Citation: (Novus Cat# NB300-143, RRID:AB_10001196)

Target Antigen: GAP43

Host Organism: rabbit

Clonality: polyclonal

Comments: Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Western Blot

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: GAP43 Antibody

Description: This polyclonal targets GAP43

Target Organism: chicken, human, mouse, rat

Antibody ID: AB_10001196

Vendor: Novus

Catalog Number: NB300-143

Ratings and Alerts

- Independent validation by the NYU Langone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development
<https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for GAP43 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Mulc D, et al. (2024) Fetal development of the human amygdala. The Journal of comparative neurology, 532(1), e25580.

Paramos-de-Carvalho D, et al. (2021) Targeting senescent cells improves functional recovery after spinal cord injury. Cell reports, 36(1), 109334.

Sanders SS, et al. (2020) The palmitoyl acyltransferase ZDHHC14 controls Kv1-family potassium channel clustering at the axon initial segment. eLife, 9.

Niu J, et al. (2020) Coupled Control of Distal Axon Integrity and Somal Responses to Axonal Damage by the Palmitoyl Acyltransferase ZDHHC17. Cell reports, 33(7), 108365.

Song Y, et al. (2019) The Mechanosensitive Ion Channel Piezo Inhibits Axon Regeneration. Neuron, 102(2), 373.

Hines TJ, et al. (2018) An Essential Postdevelopmental Role for Lis1 in Mice. eNeuro, 5(1).

Perry RB, et al. (2018) Regulation of Neuroregeneration by Long Noncoding RNAs. Molecular cell, 72(3), 553.

Lemons K, et al. (2017) Lack of TRPM5-Expressing Microvillous Cells in Mouse Main Olfactory Epithelium Leads to Impaired Odor-Evoked Responses and Olfactory-Guided Behavior in a Challenging Chemical Environment. eNeuro, 4(3).

Smolek T, et al. (2016) Tau hyperphosphorylation in synaptosomes and neuroinflammation are associated with canine cognitive impairment. *The Journal of comparative neurology*, 524(4), 874.

Miller AM, et al. (2010) Composition of the migratory mass during development of the olfactory nerve. *The Journal of comparative neurology*, 518(24), 4825.

Rodriguez-Gil DJ, et al. (2008) Wnt/Frizzled family members mediate olfactory sensory neuron axon extension. *The Journal of comparative neurology*, 511(3), 301.