Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

Rabbit anti-alpha-CGRP (canine, mouse, rat)

RRID:AB_518147
Type: Antibody

Proper Citation

(Peninsula Laboratories Cat# T-4032, RRID:AB_518147)

Antibody Information

URL: http://antibodyregistry.org/AB_518147

Proper Citation: (Peninsula Laboratories Cat# T-4032, RRID:AB_518147)

Target Antigen: alpha-CGRP

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: Immunohistochemistry, Immunocytochemistry
Consolidation on 9/2020: AB_518147, AB_2307330, AB_2313775.

Antibody Name: Rabbit anti-alpha-CGRP (canine, mouse, rat)

Description: This monoclonal targets alpha-CGRP

Target Organism: rat, canine, mouse

Defining Citation: PMID:19882715, PMID:18186028, PMID:22592759, PMID:20737599, PMID:19425099, PMID:20034058, PMID:16871539, PMID:18393294

Antibody ID: AB_518147

Vendor: Peninsula Laboratories

Catalog Number: T-4032

Alternative Catalog Numbers: T-4032.0050

Record Creation Time: 20231110T042052+0000

Record Last Update: 20241115T133937+0000

Ratings and Alerts

- Mouse colon PACT whole wall technique staining in Submucosal plexus in Soma was negative for immunostaining. Mouse colon PACT whole wall technique staining in Submucosal plexus in Fibers shows moderate immunostaining. Mouse colon PACT whole wall technique staining in Myenteric plexus in Soma was negative for immunostaining. Mouse colon PACT whole wall technique staining in Myenteric plexus in Fibers shows strong immunostaining. Mouse colon Whole mount technique staining in Submucosal plexus in Soma was negative for immunostaining. Mouse colon Whole mount technique staining in Submucosal plexus in Fibers shows moderate immunostaining. Mouse colon Whole mount technique staining in Myenteric plexus in Soma was negative for immunostaining. Mouse colon Whole mount technique staining in Myenteric plexus in Fibers shows strong immunostaining. - Wang et al. (2021) via SPARC https://sparc.science/resources/7Mlidjv3RIVrQ11hpBC8PK

No alerts have been found for Rabbit anti-alpha-CGRP (canine, mouse, rat).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Spencer NJ, et al. (2024) Mechanisms underlying the gut-brain communication: How enterochromaffin (EC) cells activate vagal afferent nerve endings in the small intestine. The Journal of comparative neurology, 532(4), e25613.

Zheng X, et al. (2023) Preclinical long-term safety of intraspinal transplantation of human dorsal spinal GABA neural progenitor cells. iScience, 26(11), 108306.

Enamorado M, et al. (2023) Immunity to the microbiota promotes sensory neuron regeneration. Cell, 186(3), 607.

Kim H, et al. (2023) Oligodendrocyte precursor cells stop sensory axons regenerating into the spinal cord. Cell reports, 42(9), 113068.

Bateman JT, et al. (2023) Opioid suppression of an excitatory pontomedullary respiratory

circuit by convergent mechanisms. eLife, 12.

Wang L, et al. (2023) Vasculature in the mouse colon and spatial relationships with the enteric nervous system, glia, and immune cells. Frontiers in neuroanatomy, 17, 1130169.

Koo A, et al. (2022) Expression of the relaxin family peptide 4 receptor by enterochromaffin cells of the mouse large intestine. Cell and tissue research, 389(1), 1.

Wang L, et al. (2022) Transduction of Systemically Administered Adeno-Associated Virus in the Colonic Enteric Nervous System and c-Kit Cells of Adult Mice. Frontiers in neuroanatomy, 16, 884280.

Dodds KN, et al. (2022) Anatomical distribution of CGRP-containing lumbosacral spinal afferent neurons in the mouse uterine horn. Frontiers in neuroscience, 16, 1012329.

Nestor-Kalinoski A, et al. (2022) Unique Neural Circuit Connectivity of Mouse Proximal, Middle, and Distal Colon Defines Regional Colonic Motor Patterns. Cellular and molecular gastroenterology and hepatology, 13(1), 309.

Trendafilova T, et al. (2022) Sodium-calcium exchanger-3 regulates pain "wind-up": From human psychophysics to spinal mechanisms. Neuron, 110(16), 2571.

Hibberd TJ, et al. (2022) Quantification of CGRP-immunoreactive myenteric neurons in mouse colon. The Journal of comparative neurology, 530(18), 3209.

Reedich EJ, et al. (2022) Enhanced nociceptive behavior and expansion of associated primary afferents in a rabbit model of cerebral palsy. Journal of neuroscience research, 100(10), 1951.

Wagstaff LJ, et al. (2021) Failures of nerve regeneration caused by aging or chronic denervation are rescued by restoring Schwann cell c-Jun. eLife, 10.

Gerussi T, et al. (2021) The follicle-sinus complex of the bottlenose dolphin (Tursiops truncatus). Functional anatomy and possible evolutional significance of its somato-sensory innervation. Journal of anatomy, 238(4), 942.

Javed H, et al. (2021) Co-localization of nociceptive markers in the lumbar dorsal root ganglion and spinal cord of dromedary camel. The Journal of comparative neurology, 529(17), 3710.

Zhai J, et al. (2021) Co-targeting myelin inhibitors and CSPGs markedly enhances regeneration of GDNF-stimulated, but not conditioning-lesioned, sensory axons into the spinal cord. eLife, 10.

Guo F, et al. (2021) Nimodipine Promotes Functional Recovery After Spinal Cord Injury in Rats. Frontiers in pharmacology, 12, 733420.

Huang D, et al. (2021) Efferent projections of CGRP/Calca-expressing parabrachial neurons in mice. The Journal of comparative neurology, 529(11), 2911.

Dodds KN, et al. (2021) Morphological identification of thoracolumbar spinal afferent nerve endings in mouse uterus. The Journal of comparative neurology, 529(8), 2029.