Resource Summary Report

Generated by RRID on Sep 10, 2026

Anti-vesicular acetylcholine transporter (VAChT) antibody

RRID:AB_2630394
Type: Antibody

Proper Citation

Sigma-Aldrich Cat# ABN100, RRID:AB_2630394

Antibody Information

URL: http://antibodyregistry.org/AB_2630394

Proper Citation: Sigma-Aldrich Cat# ABN100, RRID:AB_2630394

Target Antigen: VAChT

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: IHC, ELISA

Antibody Name: Anti-vesicular acetylcholine transporter (VAChT) antibody

Description: This polyclonal targets VAChT

Target Organism: rat, mouse

Antibody ID: AB_2630394

Vendor: Sigma-Aldrich

Catalog Number: ABN100

Record Creation Time: 20231110T031034+0000

Record Last Update: 20260901T063035+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 was negative for 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 was negative for 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 Anti-vesicular acetylcholine transporter (VAChT) antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Ho YH, et al. (2026) Nociceptive innervation limits tertiary lymphoid structures to promote lung cancer. Cell, 189(14), 4276.

Fukushima N, et al. (2026) Quantitative Analysis of Spontaneous Tongue Muscle Reinnervation after Long Nerve Resection for Hypoglossal Nerve Injury in Rats. Journal of musculoskeletal & neuronal interactions, 26(2), 293.

Chaudhari K, et al. (2026) Temporally segregated functions for Gfi1 in the development and maintenance of direction selectivity in the vertebrate retina. Current biology : CB, 36(15), 3877.

Chen H, et al. (2025) Postprandial parasympathetic signals promote lung type 2 immunity. Neuron, 113(5), 670.

Zhang H, et al. (2025) Widespread innervation of motoneurons by spinal V3 neurons globally amplifies locomotor output in mice. Cell reports, 44(1), 115212.

Lin M, et al. (2025) A cholinergic spinal pathway for the adaptive control of breathing. Cell reports, 44(8), 116078.

Berg MVD, et al. (2025) Partial normalization of hippocampal oscillatory activity during sleep in TgF344-AD rats coincides with increased cholinergic synapses at early-plaque stage of Alzheimer's disease. Acta neuropathologica communications, 13(1), 96.

Olguin AGR, et al. (2025) Cadherin 4 assembles a family of color-preferring retinal circuits that respond to light offset. Current biology : CB, 35(6), 1298.

Smith CC, et al. (2024) Kv2 channels do not function as canonical delayed rectifiers in spinal motoneurons. iScience, 27(8), 110444.

Meschi E, et al. (2024) Compensatory enhancement of input maintains aversive dopaminergic reinforcement in hungry Drosophila. Neuron, 112(14), 2315.

Ing-Esteves S, et al. (2024) Gamma-protocadherins regulate dendrite self-recognition and dynamics to drive self-avoidance. Current biology : CB, 34(18), 4224.

Ren W, et al. (2024) Sympathetic nerve-enteroendocrine L cell communication modulates GLP-1 release, brain glucose utilization, and cognitive function. Neuron, 112(6), 972.

Ma J, et al. (2023) Topographical organization and morphology of substance P (SP)-immunoreactive axons in the whole stomach of mice. The Journal of comparative neurology, 531(2), 188.

Tryon SC, et al. (2023) ChAT::Cre transgenic rats show sex-dependent altered fear behaviors, ultrasonic vocalizations and cholinergic marker expression. Genes, brain, and behavior, 22(1), e12837.

Mistareehi A, et al. (2023) Topographical distribution and morphology of SP-IR axons in the antrum, pylorus, and duodenum of mice. Autonomic neuroscience : basic & clinical, 246, 103074.

Cao Y, et al. (2023) 3D anatomy of autonomic innervations in immune organs of a non-human primate and the human. Fundamental research, 3(2), 249.

Farid H, et al. (2023) Fast Blue and Cholera Toxin-B Survival Guide for Alpha-Motoneurons Labeling: Less Is Better in Young B6SJL Mice, but More Is Better in Aged C57Bl/J Mice. Bioengineering (Basel, Switzerland), 10(2).

Ma J, et al. (2023) Organization and morphology of calcitonin gene-related peptide-immunoreactive axons in the whole mouse stomach. The Journal of comparative neurology, 531(16), 1608.

Meng X, et al. (2022) Eosinophils regulate intra-adipose axonal plasticity. Proceedings of the National Academy of Sciences of the United States of America, 119(3).

Gadomski S, et al. (2022) A cholinergic neuroskeletal interface promotes bone formation during postnatal growth and exercise. Cell stem cell, 29(4), 528.