# Resource Summary Report

Generated by RRID on May 13, 2025

## Anti-Vesicular Acetylcholine Transporter (VAChT) Antibody

RRID:AB_2630394
Type: Antibody

### Proper Citation

(Millipore Cat# ABN100, RRID:AB_2630394)

### Antibody Information

**URL:** http://antibodyregistry.org/AB_2630394

**Proper Citation:** (Millipore Cat# ABN100, RRID:AB_2630394)

**Target Antigen:** VChAT

**Host Organism:** goat

**Clonality:** polyclonal

**Comments:** Applications: IHC, ELISA

**Antibody Name:** Anti-Vesicular Acetylcholine Transporter (VAChT) Antibody

**Description:** This polyclonal targets VChAT

**Target Organism:** rat, mouse

**Antibody ID:** AB_2630394

**Vendor:** Millipore

**Catalog Number:** ABN100

**Record Creation Time:** 20231110T034739+0000

**Record Last Update:** 20240725T053850+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 35 mentions in open access literature.

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

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

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.

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).

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.

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.

Kissane RWP, et al. (2022) Heterogeneity in form and function of the rat extensor digitorum longus motor unit. Journal of anatomy, 240(4), 700.

Barrett MS, et al. (2022) Distinct morphology of cardiac- and brown adipose tissue-projecting neurons in the stellate ganglia of mice. Physiological reports, 10(10), e15334.

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

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).

Niu F, et al. (2022) The m6A reader YTHDF2 is a negative regulator for dendrite development and maintenance of retinal ganglion cells. eLife, 11.

Kissane RWP, et al. (2022) C-bouton components on rat extensor digitorum longus motoneurons are resistant to chronic functional overload. Journal of anatomy, 241(5), 1157.

van den Berg M, et al. (2022) Altered basal forebrain function during whole-brain network activity at pre- and early-plaque stages of Alzheimer's disease in TgF344-AD rats. Alzheimer's research & therapy, 14(1), 148.

Rochon PL, et al. (2021) The cell adhesion molecule Sdk1 shapes assembly of a retinal circuit that detects localized edges. eLife, 10.

Liu K, et al. (2021) Metabolic stress drives sympathetic neuropathy within the liver. Cell metabolism, 33(3), 666.

Sun Y, et al. (2021) Sarm1-mediated neurodegeneration within the enteric nervous system protects against local inflammation of the colon. Protein & cell, 12(8), 621.

Katona L, et al. (2020) Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. Brain structure & function, 225(2), 705.

Lyu S, et al. (2020) Deficiency of Meis1, a transcriptional regulator, in mice and worms: Neurochemical and behavioral characterizations with implications in the restless legs syndrome. Journal of neurochemistry, 155(5), 522.

Soulard C, et al. (2020) Spinal Motoneuron TMEM16F Acts at C-boutons to Modulate Motor Resistance and Contributes to ALS Pathogenesis. Cell reports, 30(8), 2581.