

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 25, 2026

Anti-Vesicular GABA Transporter

RRID:AB_2301998

Type: Antibody

Proper Citation

Millipore Cat# AB5062P, RRID:AB_2301998

Antibody Information

URL: http://antibodyregistry.org/AB_2301998

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Target Antigen: Slc6a12

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: western blot, ELISA

Antibody Name: Anti-Vesicular GABA Transporter

Description: This polyclonal targets Slc6a12

Target Organism: rat

Defining Citation: [PMID:16958085](#), [PMID:22020781](#), [PMID:17029265](#)

Antibody ID: AB_2301998

Vendor: Millipore

Catalog Number: AB5062P

Record Creation Time: 20250820T045638+0000

Record Last Update: 20250820T202114+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Vesicular GABA Transporter.

No alerts have been found for Anti-Vesicular GABA Transporter.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

English J, et al. (2026) Distinct synaptic mechanisms underlie NRXN1 variant and disorder background-dependent phenotypes in iPSC-derived neurons. *Cell reports*, 45(4), 117115.

Barata MA, et al. (2026) Protocol for semi-automatic quantitative bioimaging analysis of synapse loss. *STAR protocols*, 7(3), 104675.

Hirota Y, et al. (2025) Biomarker-related phospho-tau217 appears in synapses around A β plaques prior to tau tangle in cerebral cortex of preclinical Alzheimer's disease. *Cell reports*, 116203.

Barata MA, et al. (2025) Alzheimer's genetic risk factor Bin1 controls synapse vesicle exo-endocytosis in inhibitory synapses. *Cell reports*, 44(8), 116005.

Broekaart DWM, et al. (2025) Molecular signatures of regional vulnerability to tauopathy in excitatory cortical neurons. *Acta neuropathologica*, 149(1), 60.

Carling GK, et al. (2024) Alzheimer's disease-linked risk alleles elevate microglial cGAS-associated senescence and neurodegeneration in a tauopathy model. *bioRxiv : the preprint server for biology*.

Carling GK, et al. (2024) Alzheimer's disease-linked risk alleles elevate microglial cGAS-associated senescence and neurodegeneration in a tauopathy model. *Neuron*, 112(23), 3877.

Morishita M, et al. (2023) Two-Step Actions of Testicular Androgens in the Organization of a Male-Specific Neural Pathway from the Medial Preoptic Area to the Ventral Tegmental Area for Modulating Sexually Motivated Behavior. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(44), 7322.

Kiyokage E, et al. (2023) Effects of estradiol on dopaminergic synapse formation in the mouse olfactory bulb. *The Journal of comparative neurology*, 531(4), 528.

Worley A, et al. (2023) Contrasting walking styles map to discrete neural substrates in the mouse brainstem. *bioRxiv : the preprint server for biology*.

Castro RW, et al. (2023) Aging alters mechanisms underlying voluntary movements in spinal motor neurons of mice, primates, and humans. *JCI insight*, 8(9).

Babij R, et al. (2023) Gabrb3 is required for the functional integration of pyramidal neuron subtypes in the somatosensory cortex. *Neuron*, 111(2), 256.

Manabe T, et al. (2021) Systemic inflammation induced the delayed reduction of excitatory synapses in the CA3 during ageing. *Journal of neurochemistry*, 159(3), 525.

Jeon J, et al. (2021) Neuroligin-1-Modified Electrodes for Specific Coupling with a Presynaptic Neuronal Membrane. *ACS applied materials & interfaces*, 13(18), 21944.

Moreira-de-Sá A, et al. (2021) Motor Deficits Coupled to Cerebellar and Striatal Alterations in Ube3am-/p+ Mice Modelling Angelman Syndrome Are Attenuated by Adenosine A2A Receptor Blockade. *Molecular neurobiology*, 58(6), 2543.

Luo F, et al. (2020) Neurexins cluster Ca²⁺ channels within the presynaptic active zone. *The EMBO journal*, 39(7), e103208.

Sclip A, et al. (2020) LAR receptor phospho-tyrosine phosphatases regulate NMDA-receptor responses. *eLife*, 9.

Portillo F, et al. (2020) Nitric oxide controls excitatory/inhibitory balance in the hypoglossal nucleus during early postnatal development. *Brain structure & function*, 225(9), 2871.

Zhang RS, et al. (2020) Latrophilin-2 and latrophilin-3 are redundantly essential for parallel-fiber synapse function in cerebellum. *eLife*, 9.

Xu R, et al. (2019) OLIG2 Drives Abnormal Neurodevelopmental Phenotypes in Human iPSC-Based Organoid and Chimeric Mouse Models of Down Syndrome. *Cell stem cell*, 24(6), 908.