

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

Anti-Vesicular GABA Transporter (VGAT)

RRID:AB_2301998

Type: Antibody

Proper Citation

Millipore Cat# AB5062P, RRID:AB_2301998

Antibody Information

URL: http://antibodyregistry.org/AB_2301998

Proper Citation: Millipore Cat# AB5062P, RRID:AB_2301998

Target Antigen: Vesicular GABA Transporter (VGAT)

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: ELISA, IF, IH, WB; ELISA; Immunohistochemistry; Immunofluorescence; Immunocytochemistry; Western Blot

Antibody Name: Anti-Vesicular GABA Transporter (VGAT)

Description: This polyclonal targets Vesicular GABA Transporter (VGAT)

Target Organism: h, m, r, mk

Antibody ID: AB_2301998

Vendor: Millipore

Catalog Number: AB5062P

Record Creation Time: 20250819T231205+0000

Record Last Update: 20250820T043614+0000

Ratings and Alerts

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

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

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 [dkNET](#) .

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.