

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

Anti-VGAT

RRID:AB_1106810

Type: Antibody

Proper Citation

Synaptic Systems Cat# 131 005, RRID:AB_1106810

Antibody Information

URL: http://antibodyregistry.org/AB_1106810

Proper Citation: Synaptic Systems Cat# 131 005, RRID:AB_1106810

Target Antigen: VGAT (VIAAT)

Host Organism: guinea pig

Clonality: polyclonal

Comments: Applications: WB,ICC,IHC

Antibody Name: Anti-VGAT

Description: This polyclonal targets VGAT (VIAAT)

Target Organism: rat, mouse

Antibody ID: AB_1106810

Vendor: Synaptic Systems

Catalog Number: 131 005

Record Creation Time: 20250820T001803+0000

Record Last Update: 20250820T075421+0000

Ratings and Alerts

No rating or validation information has been found for Anti-VGAT.

No alerts have been found for Anti-VGAT.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Jahncke JN, et al. (2025) Distinct functional domains of Dystroglycan regulate inhibitory synapse formation and maintenance in cerebellar Purkinje cells. *Communications biology*, 8(1), 878.

Jahncke JN, et al. (2024) Inhibitory CCK+ basket synapse defects in mouse models of dystroglycanopathy. *eLife*, 12.

Ortega-de San Luis C, et al. (2023) Engram cell connectivity as a mechanism for information encoding and memory function. *Current biology : CB*, 33(24), 5368.

Kim HJ, et al. (2023) GABAergic-like dopamine synapses in the brain. *Cell reports*, 42(10), 113239.

Wang CY, et al. (2021) Molecular self-avoidance in synaptic neurexin complexes. *Science advances*, 7(51), eabk1924.

Achilly NP, et al. (2021) Deleting Mecp2 from the cerebellum rather than its neuronal subtypes causes a delay in motor learning in mice. *eLife*, 10.

Boshans LL, et al. (2021) Direct reprogramming of oligodendrocyte precursor cells into GABAergic inhibitory neurons by a single homeodomain transcription factor Dlx2. *Scientific reports*, 11(1), 3552.

Auer F, et al. (2021) Anoctamin 2-chloride channels reduce simple spike activity and mediate inhibition at elevated calcium concentration in cerebellar Purkinje cells. *PloS one*, 16(3), e0247801.

Marro SG, et al. (2019) Neuroligin-4 Regulates Excitatory Synaptic Transmission in Human Neurons. *Neuron*, 103(4), 617.

Thion MS, et al. (2019) Biphasic Impact of Prenatal Inflammation and Macrophage Depletion on the Wiring of Neocortical Inhibitory Circuits. *Cell reports*, 28(5), 1119.

Ohkawa T, et al. (2014) Identification and characterization of GABA(A) receptor autoantibodies in autoimmune encephalitis. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(24), 8151.