Resource Summary Report

Generated by RRID on Aug 3, 2026

Anti-VGAT

RRID:AB_2619818
Type: Antibody

Proper Citation

Synaptic Systems Cat# 131 011C2, RRID:AB_2619818

Antibody Information

URL: http://antibodyregistry.org/AB_2619818

Proper Citation: Synaptic Systems Cat# 131 011C2, RRID:AB_2619818

Target Antigen: VGAT (cytoplasmic domain)

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ICC. KO validated

Antibody Name: Anti-VGAT

Description: This monoclonal targets VGAT (cytoplasmic domain)

Target Organism: Human, Rat, Monkey, Guinea Pig, Mouse

Clone ID: 117G4

Antibody ID: AB_2619818

Vendor: Synaptic Systems

Catalog Number: 131 011C2

Record Creation Time: 20250820T023256+0000

Record Last Update: 20250820T135246+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 9 mentions in open access literature.

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

Zheng B, et al. (2026) Prenatal glucocorticoids exposure disrupts maturation of a cluster of microglia, causing poor social memory and more repetitive behaviors. Cell reports, 45(1), 116820.

Matera A, et al. (2025) Microglial lipid phosphatase SHIP1 limits complement-mediated synaptic pruning in the healthy developing hippocampus. Immunity, 58(1), 197.

Rotondo F, et al. (2025) Neuroanatomical characterization of the cell adhesion molecule IgSF9b reveals localization to inhibitory and excitatory synapses in the mouse limbic system. Journal of molecular medicine (Berlin, Germany), 103(11-12), 1551.

Wang G, et al. (2024) The TMEM132B-GABAA receptor complex controls alcohol actions in the brain. Cell, 187(23), 6649.

Xu Y, et al. (2024) Microglial Refinement of A-Fiber Projections in the Postnatal Spinal Cord Dorsal Horn Is Required for Normal Maturation of Dynamic Touch. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(2).

Yousefpour N, et al. (2023) Time-dependent and selective microglia-mediated removal of spinal synapses in neuropathic pain. Cell reports, 42(1), 112010.

Upmanyu N, et al. (2022) Colocalization of different neurotransmitter transporters on synaptic vesicles is sparse except for VGLUT1 and ZnT3. Neuron, 110(9), 1483.

Vieira JR, et al. (2022) Endothelial PlexinD1 signaling instructs spinal cord vascularization and motor neuron development. Neuron, 110(24), 4074.

Collins LN, et al. (2020) The mouse olfactory peduncle 4: Development of synapses, perineuronal nets, and capillaries. The Journal of comparative neurology, 528(4), 637.