## **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on Mar 29, 2024

# **Anti-VGAT**

RRID:AB\_887873 Type: Antibody

#### **Proper Citation**

(Synaptic Systems Cat# 131 004, RRID:AB\_887873)

### **Antibody Information**

URL: http://antibodyregistry.org/AB\_887873

Proper Citation: (Synaptic Systems Cat# 131 004, RRID:AB\_887873)

Target Antigen: VGAT (cytoplasmic domain)

Host Organism: guinea pig

Clonality: polyclonal

Comments: Applications: WB,ICC,IHC,IHC-P,EM. KO validated

Antibody Name: Anti-VGAT

**Description:** This polyclonal targets VGAT (cytoplasmic domain)

Target Organism: mouse, rat, zebrafish

**Defining Citation:** PMID:18634004

Antibody ID: AB\_887873

Vendor: Synaptic Systems

Catalog Number: 131 004

#### **Ratings and Alerts**

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

#### Data and Source Information

Source: Antibody Registry

### **Usage and Citation Metrics**

We found 87 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.

, et al. (2023) Mesenchymal-Derived Extracellular Vesicles Enhance Microglia-mediated Synapse Remodeling after Cortical Injury in Rhesus Monkeys. Research square.

Bindu DS, et al. (2023) GEARBOCS: An Adeno Associated Virus Tool for In Vivo Gene Editing in Astrocytes. bioRxiv: the preprint server for biology.

, et al. (2023) Generation of mouse hippocampal brain organoids from primary embryonic neural stem cells. STAR protocols, 4(3), 102413.

Aiba I, et al. (2023) Glioma epileptiform activity and progression are driven by IGSF3-mediated potassium dysregulation. Neuron, 111(5), 682.

Jones-Muhammad M, et al. (2023) Increased hippocampal cannabinoid 1 receptor expression is associated with protection from severe seizures in pregnant mice with reduced uterine perfusion pressure. Journal of neuroscience research, 101(12), 1884.

- , et al. (2023) Mesenchymal-derived extracellular vesicles enhance microglia-mediated synapse remodeling after cortical injury in aging Rhesus monkeys. Journal of neuroinflammation, 20(1), 201.
- , et al. (2023) Selective deletion of zinc transporter 3 in amacrine cells promotes retinal ganglion cell survival and optic nerve regeneration after injury. Neural regeneration research, 18(12), 2773.

Cramer TML, et al. (2023) Adamtsl3 mediates DCC signaling to selectively promote GABAergic synapse function. Cell reports, 42(8), 112947.

Bens M, et al. (2023) Protecting RNA quality for spatial transcriptomics while improving immunofluorescent staining quality. Frontiers in neuroscience, 17, 1198154.

Lu H, et al. (2023) Alternative splicing and heparan sulfation converge on neurexin-1 to control glutamatergic transmission and autism-related behaviors. Cell reports, 42(7), 112714.

- , et al. (2022) Layer-specific pyramidal neuron properties underlie diverse anterior cingulate cortical motor and limbic networks. Cerebral cortex (New York, N.Y.: 1991), 32(10), 2170.
- , et al. (2022) Spinal cord synaptic plasticity by GlyR? release from receptor fields and syndapin I-dependent uptake. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(35), 6706.

Le AA, et al. (2022) Prepubescent female rodents have enhanced hippocampal LTP and learning relative to males, reversing in adulthood as inhibition increases. Nature neuroscience, 25(2), 180.

López-Hernández T, et al. (2022) Clathrin-independent endocytic retrieval of SV proteins mediated by the clathrin adaptor AP-2 at mammalian central synapses. eLife, 11.

Konno K, et al. (2022) Targeted proteoform mapping uncovers specific Neurexin-3 variants required for dendritic inhibition. Neuron, 110(13), 2094.

Guzmán-Salas S, et al. (2022) The metabolite p-cresol impairs dendritic development, synaptogenesis, and synapse function in hippocampal neurons: Implications for autism spectrum disorder. Journal of neurochemistry, 161(4), 335.

, et al. (2022) MDGAs are fast-diffusing molecules that delay excitatory synapse development by altering neuroligin behavior. eLife, 11.

Mueller-Buehl C, et al. (2022) Brevican, Neurocan, Tenascin-C, and Tenascin-R Act as Important Regulators of the Interplay Between Perineuronal Nets, Synaptic Integrity, Inhibitory Interneurons, and Otx2. Frontiers in cell and developmental biology, 10, 886527.

Wessels M, et al. (2022) SLITRK2 variants associated with neurodevelopmental disorders impair excitatory synaptic function and cognition in mice. Nature communications, 13(1), 4112.

Mo X, et al. (2022) Thoracic VGluT2+ Spinal Interneurons Regulate Structural and Functional Plasticity of Sympathetic Networks after High-Level Spinal Cord Injury. The Journal of neuroscience: the official journal of the Society for Neuroscience, 42(17), 3659.