Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 5, 2025

Anti-VGAT

RRID:AB_2189938
Type: Antibody

Proper Citation

(Synaptic Systems Cat# 131 013, RRID:AB_2189938)

Antibody Information

URL: http://antibodyregistry.org/AB_2189938

Proper Citation: (Synaptic Systems Cat# 131 013, RRID:AB_2189938)

Target Antigen: VGAT (cytoplasmic domain)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB,IP,ICC,IHC,EM. KO validated
Consolidation 6/2023: AB_1966444

Antibody Name: Anti-VGAT

Description: This polyclonal targets VGAT (cytoplasmic domain)

Target Organism: rat, mouse, zebrafish

Antibody ID: AB_2189938

Vendor: Synaptic Systems

Catalog Number: 131 013

Record Creation Time: 20231110T045901+0000

Record Last Update: 20241115T060658+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 12 mentions in open access literature.

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

Leitz J, et al. (2024) Observing isolated synaptic vesicle association and fusion ex vivo. Nature protocols, 19(11), 3139.

Colombi I, et al. (2024) Heterogeneous subpopulations of GABAAR-responding neurons coexist across neuronal network scales and developmental stages in health and disease. iScience, 27(4), 109438.

Wang S, et al. (2023) Generation of glutamatergic/GABAergic neuronal co-cultures derived from human induced pluripotent stem cells for characterizing E/I balance in vitro. STAR protocols, 4(1), 101967.

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.

Muellerleile J, et al. (2022) Neuroligin-3 Regulates Excitatory Synaptic Transmission and EPSP-Spike Coupling in the Dentate Gyrus In Vivo. Molecular neurobiology, 59(2), 1098.

Wang S, et al. (2022) Loss-of-function variants in the schizophrenia risk gene SETD1A alter neuronal network activity in human neurons through the cAMP/PKA pathway. Cell reports, 39(5), 110790.

Clipperton-Allen AE, et al. (2021) Environmental Enrichment Rescues Social Behavioral Deficits and Synaptic Abnormalities in Pten Haploinsufficient Mice. Genes, 12(9).

Tatsumi K, et al. (2018) Olig2-Lineage Astrocytes: A Distinct Subtype of Astrocytes That Differs from GFAP Astrocytes. Frontiers in neuroanatomy, 12, 8.

Loh KH, et al. (2016) Proteomic Analysis of Unbounded Cellular Compartments: Synaptic Clefts. Cell, 166(5), 1295.

Faunes M, et al. (2016) Excitatory and inhibitory innervation of the mouse orofacial motor nuclei: A stereological study. The Journal of comparative neurology, 524(4), 738.

Stensrud MJ, et al. (2015) Immunogold characteristics of VGLUT3-positive GABAergic nerve terminals suggest corelease of glutamate. The Journal of comparative neurology, 523(18), 2698.

Stensrud MJ, et al. (2013) Vesicular glutamate transporter-3 in the rodent brain: vesicular colocalization with vesicular ?-aminobutyric acid transporter. The Journal of comparative neurology, 521(13), 3042.