

Resource Summary Report

Generated by PRECISE-TBI on Sep 5, 2026

VGAT (VIAAT, vesicular GABA transporter) antibody

RRID:AB_2571624

Type: Antibody

Proper Citation

Frontier Institute Cat# VGAT-GP, RRID:AB_2571624

Antibody Information

URL: http://antibodyregistry.org/AB_2571624

Proper Citation: Frontier Institute Cat# VGAT-GP, RRID:AB_2571624

Target Antigen: mouse VGAT, 31-112 aa(BC052020)

Host Organism: guinea pig

Clonality: polyclonal

Antibody Name: VGAT (VIAAT, vesicular GABA transporter) antibody

Description: This polyclonal targets mouse VGAT, 31-112 aa(BC052020)

Target Organism: mouse

Antibody ID: AB_2571624

Vendor: Frontier Institute

Catalog Number: VGAT-GP

Record Creation Time: 20231110T035124+0000

Record Last Update: 20260829T183900+0000

Ratings and Alerts

No rating or validation information has been found for VGAT (VIAAT, vesicular GABA transporter) antibody.

No alerts have been found for VGAT (VIAAT, vesicular GABA transporter) antibody.

Data and Source Information

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Katanazaka K, et al. (2026) Localization of Puncta Adherentia Junctions at GABAergic Synapses on Parvalbumin-Positive GABAergic Inhibitory Neurons in the Mouse Hippocampus. *The Journal of comparative neurology*, 534(3), e70152.

Yamasaki T, et al. (2026) GARLH regulates neuroligin preference for excitatory versus inhibitory synapses. *The Journal of cell biology*, 225(2).

Hirai H, et al. (2024) Distinct release properties of glutamate/GABA co-transmission serve as a frequency-dependent filtering of supramammillary inputs. *eLife*, 13.

Barker DJ, et al. (2023) Lateral preoptic area glutamate neurons relay nociceptive information to the ventral tegmental area. *Cell reports*, 42(9), 113029.

Abe Y, et al. (2023) Shared GABA transmission pathology in dopamine agonist- and antagonist-induced dyskinesia. *Cell reports. Medicine*, 4(10), 101208.

Miyazaki T, et al. (2021) Excitatory and inhibitory receptors utilize distinct post- and trans-synaptic mechanisms in vivo. *eLife*, 10.

Miyazaki T, et al. (2021) Compartmentalized Input-Output Organization of Lugaro Cells in the Cerebellar Cortex. *Neuroscience*, 462, 89.

Booker SA, et al. (2020) Presynaptic GABAB receptors functionally uncouple somatostatin interneurons from the active hippocampal network. *eLife*, 9.

Root DH, et al. (2020) Distinct Signaling by Ventral Tegmental Area Glutamate, GABA, and Combinatorial Glutamate-GABA Neurons in Motivated Behavior. *Cell reports*, 32(9), 108094.

Meng X, et al. (2019) Neurexophilin4 is a selectively expressed ??-neurexin ligand that modulates specific cerebellar synapses and motor functions. *eLife*, 8.

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

Otsuka S, et al. (2016) Roles of Cbln1 in Non-Motor Functions of Mice. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 36(46), 11801.