

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 5, 2026

VGluT1 (vesicular glutamate transporte-1) antibody

RRID:AB_2571618

Type: Antibody

Proper Citation

Frontier Institute Cat# VGluT1-GP, RRID:AB_2571618

Antibody Information

URL: http://antibodyregistry.org/AB_2571618

Proper Citation: Frontier Institute Cat# VGluT1-GP, RRID:AB_2571618

Target Antigen: mouse VGluT1, 531-560 aa (BC054462)

Host Organism: guinea pig

Clonality: polyclonal

Antibody Name: VGluT1 (vesicular glutamate transporte-1) antibody

Description: This polyclonal targets mouse VGluT1, 531-560 aa (BC054462)

Target Organism: mouse

Antibody ID: AB_2571618

Vendor: Frontier Institute

Catalog Number: VGluT1-GP

Record Creation Time: 20231110T035124+0000

Record Last Update: 20260830T033320+0000

Ratings and Alerts

No rating or validation information has been found for VGluT1 (vesicular glutamate transporte-1) antibody.

No alerts have been found for VGluT1 (vesicular glutamate transporte-1) antibody.

Data and Source Information

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Konno K, et al. (2025) Advanced fixation techniques for high-sensitivity molecular imaging: effectiveness of glyoxal fixation for immunostaining. *Anatomical science international*.

Nakayama H, et al. (2024) Direct and indirect pathways for heterosynaptic interaction underlying developmental synapse elimination in the mouse cerebellum. *Communications biology*, 7(1), 806.

Ohgomori T, et al. (2020) The expression of keratan sulfate reveals a unique subset of microglia in the mouse hippocampus after pilocarpine-induced status epileptics. *The Journal of comparative neurology*, 528(1), 14.

Ohgomori T, et al. (2020) Modulation of neuropathology and cognitive deficits by lipopolysaccharide preconditioning in a mouse pilocarpine model of status epilepticus. *Neuropharmacology*, 176, 108227.

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

Nakano Y, et al. (2018) Parvalbumin-producing striatal interneurons receive excitatory inputs onto proximal dendrites from the motor thalamus in male mice. *Journal of neuroscience research*, 96(7), 1186.

Kikuchihara S, et al. (2018) Ectopic positioning of Bergmann glia and impaired cerebellar wiring in *Mlc1*-over-expressing mice. *Journal of neurochemistry*, 147(3), 344.

Mateo Y, et al. (2017) Endocannabinoid Actions on Cortical Terminals Orchestrate Local Modulation of Dopamine Release in the Nucleus Accumbens. *Neuron*, 96(5), 1112.

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.