

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 6, 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.