

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

Anti-VGlut1 Antibody

RRID:AB_2187693

Type: Antibody

Proper Citation

Antibodies Incorporated Cat# 75-066, RRID:AB_2187693

Antibody Information

URL: http://antibodyregistry.org/AB_2187693

Proper Citation: Antibodies Incorporated Cat# 75-066, RRID:AB_2187693

Target Antigen: VGlut1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IB, ICC, IHC, WB

Validation status: IF or IB (Pass), IB in brain (Pass), IHC in brain (Pass), KO (ND)

This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-066, RRID:AB_2187693), supernatant (Antibodies Incorporated, Cat# 73-066, RRID:AB_10673111), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# N28/9, RRID:AB_2877383)

Antibody Name: Anti-VGlut1 Antibody

Description: This monoclonal targets VGlut1

Target Organism: rat, mouse, fish, human

Clone ID: N28/9

Antibody ID: AB_2187693

Vendor: Antibodies Incorporated

Catalog Number: 75-066

Record Creation Time: 20250820T025132+0000

Record Last Update: 20250820T144225+0000

Ratings and Alerts

No rating or validation information has been found for Anti-VGluT1 Antibody.

No alerts have been found for Anti-VGluT1 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

van Voorst TW, et al. (2025) One-step induction of human GABAergic neurons promotes presynaptic development & synapse maturation. bioRxiv : the preprint server for biology.

Fan Q, et al. (2024) Modeling the precise interaction of glioblastoma with human brain region-specific organoids. iScience, 27(3), 109111.

Zhang Y, et al. (2024) Potassium ion channel modulation at cancer-neural interface enhances neuronal excitability in epileptogenic glioblastoma multiforme. Neuron.

Boudkkazi S, et al. (2023) A Noelin-organized extracellular network of proteins required for constitutive and context-dependent anchoring of AMPA-receptors. Neuron, 111(16), 2544.

Sherry DM, et al. (2022) Improved fluorescent signal in expansion microscopy using fluorescent Fab fragment secondary antibodies. MethodsX, 9, 101796.

Kawai M, et al. (2021) Long-term selective stimulation of transplanted neural stem/progenitor cells for spinal cord injury improves locomotor function. Cell reports, 37(8), 110019.

Nagaraja RY, et al. (2021) W246G Mutant ELOVL4 Impairs Synaptic Plasticity in Parallel and Climbing Fibers and Causes Motor Defects in a Rat Model of SCA34. Molecular neurobiology, 58(10), 4921.

Hoy KC, et al. (2020) Evidence That the Central Nervous System Can Induce a Modification at the Neuromuscular Junction That Contributes to the Maintenance of a Behavioral Response. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(48), 9186.

Oku S, et al. (2020) Alternative splicing at neuroligin site A regulates glycan interaction and synaptogenic activity. eLife, 9.

Sepehrimanesh M, et al. (2020) Generation and optimization of highly pure motor neurons from human induced pluripotent stem cells via lentiviral delivery of transcription factors. American journal of physiology. Cell physiology, 319(4), C771.

Deichler A, et al. (2019) The nucleus pretectalis principalis: A pretectal structure hidden in the mammalian thalamus. *The Journal of comparative neurology*, 527(2), 372.

Ribic A, et al. (2019) Synapse-Selective Control of Cortical Maturation and Plasticity by Parvalbumin-Autonomous Action of SynCAM 1. *Cell reports*, 26(2), 381.

Schartz ND, et al. (2019) Early treatment with C1 esterase inhibitor improves weight but not memory deficits in a rat model of status epilepticus. *Physiology & behavior*, 212, 112705.

Sabbagh U, et al. (2018) Distribution and development of molecularly distinct perineuronal nets in visual thalamus. *Journal of neurochemistry*, 147(5), 626.

Bavley CC, et al. (2018) Rescue of Learning and Memory Deficits in the Human Nonsyndromic Intellectual Disability Cereblon Knock-Out Mouse Model by Targeting the AMP-Activated Protein Kinase-mTORC1 Translational Pathway. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(11), 2780.

Zhu F, et al. (2018) Architecture of the Mouse Brain Synaptome. *Neuron*, 99(4), 781.

Zhang P, et al. (2018) Heparan Sulfate Organizes Neuronal Synapses through Neurexin Partnerships. *Cell*, 174(6), 1450.

Simhal AK, et al. (2018) A Computational Synaptic Antibody Characterization Tool for Array Tomography. *Frontiers in neuroanatomy*, 12, 51.

Prieto GA, et al. (2017) Pharmacological Rescue of Long-Term Potentiation in Alzheimer Diseased Synapses. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(5), 1197.

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