

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

Mouse Anti-Vesicular Glutamate Transporter 1 (VGLUT1) , Unconjugated

RRID:AB_262185

Type: Antibody

Proper Citation

Millipore Cat# MAB5502, RRID:AB_262185

Antibody Information

URL: http://antibodyregistry.org/AB_262185

Proper Citation: Millipore Cat# MAB5502, RRID:AB_262185

Target Antigen: Vesicular Glutamate Transporter 1 (VGLUT1)

Host Organism: mouse

Clonality: unknown

Comments: seller recommendations: Immunohistochemistry; Western Blot; Western Blotting, Immunohistochemistry

Antibody Name: Mouse Anti-Vesicular Glutamate Transporter 1 (VGLUT1) , Unconjugated

Description: This unknown targets Vesicular Glutamate Transporter 1 (VGLUT1)

Target Organism: rat, mouse

Defining Citation: [PMID:21280044](#)

Antibody ID: AB_262185

Vendor: Millipore

Catalog Number: MAB5502

Record Creation Time: 20250819T213248+0000

Record Last Update: 20250819T231833+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Vesicular Glutamate Transporter 1 (VGLUT1) , Unconjugated.

No alerts have been found for Mouse Anti-Vesicular Glutamate Transporter 1 (VGLUT1) , Unconjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Dai W, et al. (2025) A neuronal Slit1-dependent program rescues oligodendrocyte differentiation and myelination under chronic hypoxic conditions. Cell reports, 44(4), 115467.

Parvathy S, et al. (2024) TLX3 regulates CGN progenitor proliferation during cerebellum development and its dysfunction can lead to autism. iScience, 27(12), 111260.

Hao X, et al. (2023) Osteoprogenitor-GMP crosstalk underpins solid tumor-induced systemic immunosuppression and persists after tumor removal. Cell stem cell, 30(5), 648.

Tang J, et al. (2023) Attachment culture of cortical organoids at the microwell air-liquid interface. STAR protocols, 4(3), 102502.

Zhong L, et al. (2023) TREM2 receptor protects against complement-mediated synaptic loss by binding to complement C1q during neurodegeneration. Immunity, 56(8), 1794.

Hull VL, et al. (2023) Pathological Bergmann glia alterations and disrupted calcium dynamics in ataxic Canavan disease mice. Glia, 71(12), 2832.

Pantazis CB, et al. (2022) A reference human induced pluripotent stem cell line for large-scale collaborative studies. Cell stem cell, 29(12), 1685.

Li W, et al. (2022) Dendritic Inhibition by Shh Signaling-Dependent Stellate Cell Pool Is Critical for Motor Learning. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(26), 5130.

Tenza-Ferrer H, et al. (2022) Transiently Nav1.8-expressing neurons are capable of sensing noxious stimuli in the brain. Frontiers in cellular neuroscience, 16, 933874.

Laliberte AM, et al. (2021) Changes in Sensorimotor Connectivity to dl3 Interneurons in Relation to the Postnatal Maturation of Grasping. Frontiers in neural circuits, 15, 768235.

Popova G, et al. (2021) Human microglia states are conserved across experimental models and regulate neural stem cell responses in chimeric organoids. Cell stem cell,

28(12), 2153.

Lin R, et al. (2021) Homer1a regulates Shank3 expression and underlies behavioral vulnerability to stress in a model of Phelan-McDermid syndrome. *Cell reports*, 37(7), 110014.

LaMassa N, et al. (2021) Gamma-protocadherin localization at the synapse is associated with parameters of synaptic maturation. *The Journal of comparative neurology*, 529(10), 2407.

Iemolo A, et al. (2020) A cell type-specific expression map of NCoR1 and SMRT transcriptional co-repressors in the mouse brain. *The Journal of comparative neurology*, 528(13), 2218.

Zhang K, et al. (2020) Imbalance of Excitatory/Inhibitory Neuron Differentiation in Neurodevelopmental Disorders with an NR2F1 Point Mutation. *Cell reports*, 31(3), 107521.

Najm R, et al. (2020) In Vivo Chimeric Alzheimer's Disease Modeling of Apolipoprotein E4 Toxicity in Human Neurons. *Cell reports*, 32(4), 107962.

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

Nobili A, et al. (2018) Ambra1 Shapes Hippocampal Inhibition/Excitation Balance: Role in Neurodevelopmental Disorders. *Molecular neurobiology*, 55(10), 7921.

Octeau JC, et al. (2018) An Optical Neuron-Astrocyte Proximity Assay at Synaptic Distance Scales. *Neuron*, 98(1), 49.

Stuart KE, et al. (2017) Mid-life environmental enrichment increases synaptic density in CA1 in a mouse model of A?-associated pathology and positively influences synaptic and cognitive health in healthy ageing. *The Journal of comparative neurology*, 525(8), 1797.