Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 1, 2025

Anti-Vesicular Glutamate Transporter 1

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

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: IgG1; IgG1 Immunohistochemistry; Western Blot; IH, WB

Antibody Name: Anti-Vesicular Glutamate Transporter 1

Description: This monoclonal targets Vesicular Glutamate Transporter 1

Target Organism: m, r

Defining Citation: PMID:21280044

Antibody ID: AB_262185

Vendor: Millipore

Catalog Number: MAB5502

Record Creation Time: 20231110T081525+0000

Record Last Update: 20241115T032714+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Vesicular Glutamate Transporter 1.

No alerts have been found for Anti-Vesicular Glutamate Transporter 1.

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 FDI Lab - SciCrunch.org.

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.

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

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

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

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.

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.

Laliberte AM, et al. (2021) Changes in Sensorimotor Connectivity to dI3 Interneurons in Relation to the Postnatal Maturation of Grasping. Frontiers in neural circuits, 15, 768235.

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.

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.

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.

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

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

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.

Laramée ME, et al. (2016) Congenital Anophthalmia and Binocular Neonatal Enucleation Differently Affect the Proteome of Primary and Secondary Visual Cortices in Mice. PloS one, 11(7), e0159320.

Tirko NN, et al. (2012) Synaptic plasticity in the medial superior olive of hearing, deaf, and cochlear-implanted cats. The Journal of comparative neurology, 520(10), 2202.