Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 18, 2025

Anti-VGLUT 3

RRID:AB_887886
Type: Antibody

Proper Citation

(Synaptic Systems Cat# 135 203, RRID:AB_887886)

Antibody Information

URL: http://antibodyregistry.org/AB_887886

Proper Citation: (Synaptic Systems Cat# 135 203, RRID:AB_887886)

Target Antigen: VGLUT 3

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB,ICC,IHC,IHC-P,FACS. KO validated

Antibody Name: Anti-VGLUT 3

Description: This polyclonal targets VGLUT 3

Target Organism: Rat, Mouse

Antibody ID: AB_887886

Vendor: Synaptic Systems

Catalog Number: 135 203

Record Creation Time: 20231110T042055+0000

Record Last Update: 20241114T233903+0000

Ratings and Alerts

No rating or validation information has been found for Anti-VGLUT 3.

No alerts have been found for Anti-VGLUT 3.

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 FDI Lab - SciCrunch.org.

Jahncke JN, et al. (2024) Inhibitory CCK+ basket synapse defects in mouse models of dystroglycanopathy. eLife, 12.

Kagoshima H, et al. (2024) EBF1 Limits the Numbers of Cochlear Hair and Supporting Cells and Forms the Scala Tympani and Spiral Limbus during Inner Ear Development. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(7).

Yousefpour N, et al. (2023) Time-dependent and selective microglia-mediated removal of spinal synapses in neuropathic pain. Cell reports, 42(1), 112010.

Whitebirch AC, et al. (2023) Reduced Cholecystokinin-Expressing Interneuron Input Contributes to Disinhibition of the Hippocampal CA2 Region in a Mouse Model of Temporal Lobe Epilepsy. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(41), 6930.

Li S, et al. (2023) Epistatic genetic interactions between Insm1 and Ikzf2 during cochlear outer hair cell development. Cell reports, 42(5), 112504.

Iyer AA, et al. (2022) Cellular reprogramming with ATOH1, GFI1, and POU4F3 implicate epigenetic changes and cell-cell signaling as obstacles to hair cell regeneration in mature mammals. eLife, 11.

Chakrabarti R, et al. (2022) Optogenetics and electron tomography for structure-function analysis of cochlear ribbon synapses. eLife, 11.

Cristofari P, et al. (2022) Nanoscopic distribution of VAChT and VGLUT3 in striatal cholinergic varicosities suggests colocalization and segregation of the two transporters in synaptic vesicles. Frontiers in molecular neuroscience, 15, 991732.

Upmanyu N, et al. (2022) Colocalization of different neurotransmitter transporters on synaptic vesicles is sparse except for VGLUT1 and ZnT3. Neuron, 110(9), 1483.

Marchetta P, et al. (2022) Loss of central mineralocorticoid or glucocorticoid receptors

impacts auditory nerve processing in the cochlea. iScience, 25(3), 103981.

Seigneur E, et al. (2021) Cerebellin-2 regulates a serotonergic dorsal raphe circuit that controls compulsive behaviors. Molecular psychiatry, 26(12), 7509.

Miller DS, et al. (2021) Neuronal Dystroglycan regulates postnatal development of CCK/cannabinoid receptor-1 interneurons. Neural development, 16(1), 4.

Sun S, et al. (2021) Dual expression of Atoh1 and Ikzf2 promotes transformation of adult cochlear supporting cells into outer hair cells. eLife, 10.

Nakakubo Y, et al. (2020) Vesicular Glutamate Transporter Expression Ensures High-Fidelity Synaptic Transmission at the Calyx of Held Synapses. Cell reports, 32(7), 108040.

Larsson M, et al. (2019) Synaptic Organization of VGLUT3 Expressing Low-Threshold Mechanosensitive C Fiber Terminals in the Rodent Spinal Cord. eNeuro, 6(1).

Mansouri-Guilani N, et al. (2019) VGLUT3 gates psychomotor effects induced by amphetamine. Journal of neurochemistry, 148(6), 779.

Wolter S, et al. (2018) GC-B Deficient Mice With Axon Bifurcation Loss Exhibit Compromised Auditory Processing. Frontiers in neural circuits, 12, 65.

Ing-Esteves S, et al. (2018) Combinatorial Effects of Alpha- and Gamma-Protocadherins on Neuronal Survival and Dendritic Self-Avoidance. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(11), 2713.

Janickova H, et al. (2017) Vesicular acetylcholine transporter (VAChT) over-expression induces major modifications of striatal cholinergic interneuron morphology and function. Journal of neurochemistry, 142(6), 857.

Cooper AP, et al. (2011) Synaptotagmins I and II in the developing rat auditory brainstem: Synaptotagmin I is transiently expressed in glutamate-releasing immature inhibitory terminals. The Journal of comparative neurology, 519(12), 2417.