

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 10, 2025

Anti-VGLUT 2

RRID:AB_2187539

Type: Antibody

Proper Citation

(Synaptic Systems Cat# 135 402, RRID:AB_2187539)

Antibody Information

URL: http://antibodyregistry.org/AB_2187539

Proper Citation: (Synaptic Systems Cat# 135 402, RRID:AB_2187539)

Target Antigen: VGLUT 2

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB,IP,ICC,IHC,IHC-P

Antibody Name: Anti-VGLUT 2

Description: This polyclonal targets VGLUT 2

Target Organism: Human, Rat, Mouse, Chicken

Antibody ID: AB_2187539

Vendor: Synaptic Systems

Catalog Number: 135 402

Record Creation Time: 20231110T042748+0000

Record Last Update: 20241115T081133+0000

Ratings and Alerts

No rating or validation information has been found for Anti-VGLUT 2.

No alerts have been found for Anti-VGLUT 2.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Quillet R, et al. (2023) Synaptic circuits involving gastrin-releasing peptide receptor-expressing neurons in the dorsal horn of the mouse spinal cord. *Frontiers in molecular neuroscience*, 16, 1294994.

Biro L, et al. (2023) Post-weaning social isolation in male mice leads to abnormal aggression and disrupted network organization in the prefrontal cortex: Contribution of parvalbumin interneurons with or without perineuronal nets. *Neurobiology of stress*, 25, 100546.

Batenburg KL, et al. (2023) A Human Neuron/Astrocyte Co-culture to Model Seeded and Spontaneous Intraneuronal Tau Aggregation. *Current protocols*, 3(10), e900.

Chen M, et al. (2022) Using Extracochlear Multichannel Electrical Stimulation to Relieve Tinnitus and Reverse Tinnitus-Related Auditory-Somatosensory Plasticity in the Cochlear Nucleus. *Neuromodulation : journal of the International Neuromodulation Society*, 25(8), 1338.

Somaiya RD, et al. (2022) Development of astrocyte morphology and function in mouse visual thalamus. *The Journal of comparative neurology*, 530(7), 945.

Kempf J, et al. (2021) Heterogeneity of neurons reprogrammed from spinal cord astrocytes by the proneural factors *Ascl1* and *Neurogenin2*. *Cell reports*, 36(3), 109409.

Marfull-Oromí P, et al. (2021) Genetic ablation of the Rho GTPase *Rnd3* triggers developmental defects in internal capsule and the globus pallidus formation. *Journal of neurochemistry*, 158(2), 197.

Moore AM, et al. (2021) Prenatal Androgen Exposure Alters KNDy Neurons and Their Afferent Network in a Model of Polycystic Ovarian Syndrome. *Endocrinology*, 162(11).

Woelfle S, et al. (2021) Layer-Specific Vesicular Glutamate Transporter 1 Immunofluorescence Levels Delineate All Layers of the Human Hippocampus Including the Stratum lucidum. *Frontiers in cellular neuroscience*, 15, 789903.

Qian C, et al. (2021) Localization, proteomics, and metabolite profiling reveal a putative vesicular transporter for UDP-glucose. *eLife*, 10.

Wang J, et al. (2021) Molecular and structural basis of olfactory sensory neuron axon coalescence by Kirrel receptors. *Cell reports*, 37(5), 109940.

Katona L, et al. (2020) Synaptic organisation and behaviour-dependent activity of mGluR8a-innervated GABAergic trilaminar cells projecting from the hippocampus to the subiculum. *Brain structure & function*, 225(2), 705.

Angelova A, et al. (2019) Characterization of perinatally born glutamatergic neurons of the mouse olfactory bulb based on NeuroD6 expression reveals their resistance to sensory deprivation. *The Journal of comparative neurology*, 527(7), 1245.

Smith KM, et al. (2019) Calretinin positive neurons form an excitatory amplifier network in the spinal cord dorsal horn. *eLife*, 8.

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

Rousseaux MWC, et al. (2018) ATXN1-C1C Complex Is the Primary Driver of Cerebellar Pathology in Spinocerebellar Ataxia Type 1 through a Gain-of-Function Mechanism. *Neuron*, 97(6), 1235.

Monavarfeshani A, et al. (2018) LRRTM1 underlies synaptic convergence in visual thalamus. *eLife*, 7.

Jaarsma D, et al. (2018) The basal interstitial nucleus (BIN) of the cerebellum provides diffuse ascending inhibitory input to the floccular granule cell layer. *The Journal of comparative neurology*, 526(14), 2231.

Child KM, et al. (2018) The Neuroregenerative Capacity of Olfactory Stem Cells Is Not Limitless: Implications for Aging. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(31), 6806.

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