Resource Summary Report

Generated by NIF on Jul 29, 2026

Anti-VGLUT 2

RRID:AB_887884
Type: Antibody

Proper Citation

Synaptic Systems Cat# 135 404, RRID:AB_887884

Antibody Information

URL: http://antibodyregistry.org/AB_887884

Proper Citation: Synaptic Systems Cat# 135 404, RRID:AB_887884

Target Antigen: VGLUT 2

Host Organism: guinea pig

Clonality: polyclonal

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

Antibody Name: Anti-VGLUT 2

Description: This polyclonal targets VGLUT 2

Target Organism: rat, mouse

Antibody ID: AB_887884

Vendor: Synaptic Systems

Catalog Number: 135 404

Record Creation Time: 20250820T031742+0000

Record Last Update: 20250820T155200+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 75 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

He Z, et al. (2025) Differential Neuronal Activation of Nociceptive Pathways in Neuropathic Pain After Spinal Cord Injury. Cellular and molecular neurobiology, 45(1), 18.

Hamnett R, et al. (2025) Enteric glutamatergic interneurons regulate intestinal motility. Neuron, 113(7), 1019.

Zhou M, et al. (2025) Ngn2 and Isl1-mediated astrocyte-to-neuron conversion in vivo promotes functional recovery after spinal cord injury. Cell reports. Medicine, 6(12), 102462.

Jahncke JN, et al. (2025) Distinct functional domains of Dystroglycan regulate inhibitory synapse formation and maintenance in cerebellar Purkinje cells. Communications biology, 8(1), 878.

Wood RL, et al. (2025) GABA and Glycine Synaptic Release on Axotomized Motoneuron Cell Bodies Promotes Motor Axon Regeneration. The European journal of neuroscience, 61(5), e70045.

Vargas-Ortiz J, et al. (2025) Translaminar synchronous neuronal activity is required for columnar synaptic strengthening in the mouse neocortex. Nature communications, 16(1), 1296.

Park SJ, et al. (2025) The neurexin gene family regulates olfactory glomerular formation. Cell reports, 44(8), 116125.

Zolboot N, et al. (2025) MicroRNA mechanisms instructing Purkinje cell specification. Neuron, 113(10), 1629.

Faust TE, et al. (2025) Microglia-astrocyte crosstalk regulates synapse remodeling via Wnt signaling. Cell.

Flury A, et al. (2025) A neurodegenerative cellular stress response linked to dark microglia and toxic lipid secretion. Neuron, 113(4), 554.

Tolve M, et al. (2025) The endocytic adaptor AP-2 maintains Purkinje cell function by balancing cerebellar parallel and climbing fiber synapses. Cell reports, 44(2), 115256.

Devlin BA, et al. (2025) Excitatory-neuron-derived interleukin-34 supports cortical developmental microglia function. Immunity, 58(8), 1948.

Papanikolaou A, et al. (2025) Selectively vulnerable deep cortical layer 5/6 fast-spiking interneurons in Alzheimer's disease models in vivo. Neuron, 113(14), 2265.

Escoubas CC, et al. (2024) Type-I-interferon-responsive microglia shape cortical development and behavior. Cell.

Jiang S, et al. (2024) Pathological tau alters head direction signaling and induces spatial disorientation. bioRxiv : the preprint server for biology.

Murphy TR, et al. (2024) Synaptic cell-adhesion molecule latrophilin-2 is differentially directed to dendritic domains of hippocampal neurons. iScience, 27(2), 108799.

Wogram E, et al. (2024) Rapid phagosome isolation enables unbiased multiomic analysis of human microglial phagosomes. Immunity, 57(9), 2216.

Weingarten DJ, et al. (2024) Synaptotagmins 3 and 7 mediate the majority of asynchronous release from synapses in the cerebellum and hippocampus. Cell reports, 43(8), 114595.

Iannone AF, et al. (2024) The chemokine Cxcl14 regulates interneuron differentiation in layer I of the somatosensory cortex. Cell reports, 43(8), 114531.

Zhou Y, et al. (2023) Mesenchymal-Derived Extracellular Vesicles Enhance Microglia-mediated Synapse Remodeling after Cortical Injury in Rhesus Monkeys. Research square.