

Resource Summary Report

Generated by PRECISE-TBI on Sep 5, 2026

Anti-VGLUT 3

RRID:AB_2619825

Type: Antibody

Proper Citation

Synaptic Systems Cat# 135 204, RRID:AB_2619825

Antibody Information

URL: http://antibodyregistry.org/AB_2619825

Proper Citation: Synaptic Systems Cat# 135 204, RRID:AB_2619825

Target Antigen: VGLUT 3

Host Organism: guinea pig

Clonality: polyclonal

Comments: Applications: WB,IHC. KO validated

Antibody Name: Anti-VGLUT 3

Description: This polyclonal targets VGLUT 3

Target Organism: Rat, Mouse

Antibody ID: AB_2619825

Vendor: Synaptic Systems

Catalog Number: 135 204

Record Creation Time: 20231110T034858+0000

Record Last Update: 20260828T232309+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 15 mentions in open access literature.

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

Saidia AR, et al. (2024) Oxidative Stress Plays an Important Role in Glutamatergic Excitotoxicity-Induced Cochlear Synaptopathy: Implication for Therapeutic Molecules Screening. *Antioxidants (Basel, Switzerland)*, 13(2).

Frezel N, et al. (2023) c-Maf-positive spinal cord neurons are critical elements of a dorsal horn circuit for mechanical hypersensitivity in neuropathy. *Cell reports*, 42(4), 112295.

Fortin-Houde J, et al. (2023) Parallel streams of raphe VGLUT3-positive inputs target the dorsal and ventral hippocampus in each hemisphere. *The Journal of comparative neurology*, 531(7), 702.

Wen L, et al. (2023) The complement inhibitor CD59 is required for GABAergic synaptic transmission in the dentate gyrus. *Cell reports*, 42(4), 112349.

Affortit C, et al. (2022) A disease-associated mutation in thyroid hormone receptor $\alpha 1$ causes hearing loss and sensory hair cell patterning defects in mice. *Science signaling*, 15(738), eabj4583.

Wang J, et al. (2021) Physiopathological Relevance of D-Serine in the Mammalian Cochlea. *Frontiers in cellular neuroscience*, 15, 733004.

Blanc F, et al. (2021) A Single Cisterna Magna Injection of AAV Leads to Binaural Transduction in Mice. *Frontiers in cell and developmental biology*, 9, 783504.

Gratias P, et al. (2021) Impulse Noise Induced Hidden Hearing Loss, Hair Cell Ciliary Changes and Oxidative Stress in Mice. *Antioxidants (Basel, Switzerland)*, 10(12).

Jiang D, et al. (2020) Spatiotemporal gene expression patterns reveal molecular relatedness between retinal laminae. *The Journal of comparative neurology*, 528(5), 729.

Okaty BW, et al. (2020) A single-cell transcriptomic and anatomic atlas of mouse dorsal raphe Pet1 neurons. *eLife*, 9.

Wang HL, et al. (2019) Dorsal Raphe Dual Serotonin-Glutamate Neurons Drive Reward by Establishing Excitatory Synapses on VTA Mesoaccumbens Dopamine Neurons. *Cell reports*, 26(5), 1128.

Zhang S, et al. (2019) Ultrastructural Detection of Neuronal Markers, Receptors, and Vesicular Transporters. *Current protocols in neuroscience*, 88(1), e70.

Tulloch AJ, et al. (2019) Diverse spinal commissural neuron populations revealed by fate mapping and molecular profiling using a novel Robo3Cre mouse. *The Journal of comparative neurology*, 527(18), 2948.

Sonntag M, et al. (2018) Synaptic coupling of inner ear sensory cells is controlled by brevican-based extracellular matrix baskets resembling perineuronal nets. *BMC biology*, 16(1), 99.

Heise C, et al. (2016) Selective Localization of Shanks to VGLUT1-Positive Excitatory Synapses in the Mouse Hippocampus. *Frontiers in cellular neuroscience*, 10, 106.