

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

Guinea pig Anti-VGLUT2, Unconjugated

RRID:AB_1587626

Type: Antibody

Proper Citation

Millipore Cat# AB2251, RRID:AB_1587626

Antibody Information

URL: http://antibodyregistry.org/AB_1587626

Proper Citation: Millipore Cat# AB2251, RRID:AB_1587626

Target Antigen: VGLUT2

Host Organism: guinea pig

Clonality: polyclonal

Comments: Discontinued; Applications: Immunohistochemistry, Western Blot

Antibody Name: Guinea pig Anti-VGLUT2, Unconjugated

Description: This polyclonal targets VGLUT2

Target Organism: rat, mouse

Defining Citation: [PMID:23386329](#), [PMID:23696474](#), [PMID:19827159](#), [PMID:22791623](#), [PMID:22700282](#)

Antibody ID: AB_1587626

Vendor: Millipore

Catalog Number: AB2251

Record Creation Time: 20250820T051841+0000

Record Last Update: 20250820T211727+0000

Ratings and Alerts

No rating or validation information has been found for Guinea pig Anti-VGLUT2, Unconjugated.

Warning: Discontinued at Millipore
Discontinued; Applications: Immunohistochemistry, Western Blot

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 69 mentions in open access literature.

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

Vilches-Herrando E, et al. (2026) The Calcium-Binding Protein S100A10 (p11) Is Required for Normal Motor Performance by Regulating Vesicle Dynamics at Excitatory Synapses. *Acta physiologica* (Oxford, England), 242(2), e70158.

Singh S, et al. (2026) Lumbar spinal Shox2 interneurons receive monosynaptic excitatory input from the lateral paragigantocellular nucleus in mouse. *iScience*, 29(2), 114567.

Bosquez Huerta NA, et al. (2025) Sex-specific astrocyte regulation of spinal motor circuits by Nkx6.1. *Cell reports*, 44(1), 115121.

Zhu B, et al. (2025) G-protein-coupled receptor ADGRG1 drives a protective microglial state in Alzheimer's disease through MYC activation. *Neuron*.

Baccini G, et al. (2025) Parvalbumin expression identifies subicular principal cells with high projection specificity. *Cell reports*, 44(8), 116004.

Brunner J, et al. (2024) Axons compensate for biophysical constraints of variable size to uniformize their action potentials. *PLoS biology*, 22(12), e3002929.

Sheikh IS, et al. (2024) Compensatory adaptation of parallel motor pathways promotes skilled forelimb recovery after spinal cord injury. *iScience*, 27(12), 111371.

Xu Y, et al. (2024) Microglial Refinement of A-Fiber Projections in the Postnatal Spinal Cord Dorsal Horn Is Required for Normal Maturation of Dynamic Touch. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(2).

Coulson RL, et al. (2024) Translational modulator ISRIB alleviates synaptic and behavioral phenotypes in Fragile X syndrome. *iScience*, 27(4), 109259.

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

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

Gutierrez-Mecinas M, et al. (2023) Antibodies Against the Gastrin-releasing Peptide Precursor Pro-Gastrin-releasing Peptide Reveal Its Expression in the Mouse Spinal Dorsal Horn. *Neuroscience*, 510, 60.

Gonçalves FQ, et al. (2023) Increased ATP Release and Higher Impact of Adenosine A2A Receptors on Corticostriatal Plasticity in a Rat Model of Presymptomatic Parkinson's Disease. *Molecular neurobiology*, 60(3), 1659.

Meltzer S, et al. (2023) γ -Protocadherins control synapse formation and peripheral branching of touch sensory neurons. *Neuron*, 111(11), 1776.

Yokoyama T, et al. (2023) Immunolocalization of vesicular glutamate transporter 2 and exocytosis-related proteins in afferent nerve endings innervating taste buds in the rat incisive papilla. *Anatomia, histologia, embryologia*.

Kókai É, et al. (2022) Characterisation of deep dorsal horn projection neurons in the spinal cord of the Phox2a::Cre mouse line. *Molecular pain*, 18, 17448069221119614.

Markert F, et al. (2022) Hyperoxygenation During Mid-Neurogenesis Accelerates Cortical Development in the Fetal Mouse Brain. *Frontiers in cell and developmental biology*, 10, 732682.

Speranza L, et al. (2022) Combined Dil and Antibody Labeling Reveals Complex Dysgenesis of Hippocampal Dendritic Spines in a Mouse Model of Fragile X Syndrome. *Biomedicines*, 10(11).

Gatto G, et al. (2021) A Functional Topographic Map for Spinal Sensorimotor Reflexes. *Neuron*, 109(1), 91.

Hafner G, et al. (2021) Increased Callosal Connectivity in Reeler Mice Revealed by Brain-Wide Input Mapping of VIP Neurons in Barrel Cortex. *Cerebral cortex (New York, N.Y. : 1991)*, 31(3), 1427.