Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 26, 2025

Guinea pig Anti-Vesicular Glutamate Transporter 3 (VGLUT3) , Unconjugated

RRID:AB_2187832
Type: Antibody

Proper Citation

(Millipore Cat# AB5421, RRID:AB_2187832)

Antibody Information

URL: http://antibodyregistry.org/AB_2187832

Proper Citation: (Millipore Cat# AB5421, RRID:AB_2187832)

Target Antigen: Slc17a8

Host Organism: guinea pig

Clonality: monoclonal

Comments: seller recommendations: immunohistochemistry

Antibody Name: Guinea pig Anti-Vesicular Glutamate Transporter 3 (VGLUT3) , Unconjugated

Description: This monoclonal targets Slc17a8

Target Organism: rat

Defining Citation: PMID:20394059, PMID:21800318, PMID:19827163

Antibody ID: AB_2187832

Vendor: Millipore

Catalog Number: AB5421

Record Creation Time: 20231110T045910+0000

Record Last Update: 20241115T073620+0000

Ratings and Alerts

No rating or validation information has been found for Guinea pig Anti-Vesicular Glutamate Transporter 3 (VGLUT3) , Unconjugated.

No alerts have been found for Guinea pig Anti-Vesicular Glutamate Transporter 3 (VGLUT3) , Unconjugated.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kerstein PC, et al. (2023) Gbx2 controls amacrine cell dendrite stratification through Robo1/2 receptors. bioRxiv : the preprint server for biology.

Steffen DM, et al. (2023) A Unique Role for Protocadherin ?C3 in Promoting Dendrite Arborization through an Axin1-Dependent Mechanism. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(6), 918.

Wang J, et al. (2023) Taok1 haploinsufficiency leads to autistic-like behaviors in mice via the dorsal raphe nucleus. Cell reports, 42(9), 113078.

Albrecht NE, et al. (2022) Rapid 3D-STORM imaging of diverse molecular targets in tissue. Cell reports methods, 2(7), 100253.

Llorente-Ovejero A, et al. (2021) Specific Phospholipid Modulation by Muscarinic Signaling in a Rat Lesion Model of Alzheimer's Disease. ACS chemical neuroscience, 12(12), 2167.

Oláh VJ, et al. (2020) Functional specification of CCK+ interneurons by alternative isoforms of Kv4.3 auxiliary subunits. eLife, 9.

Kerstein PC, et al. (2020) Gbx2 Identifies Two Amacrine Cell Subtypes with Distinct Molecular, Morphological, and Physiological Properties. Cell reports, 33(7), 108382.

Bueno D, et al. (2019) Connections of the laterodorsal tegmental nucleus with the habenular-interpeduncular-raphe system. The Journal of comparative neurology, 527(18), 3046.

Johnson CS, et al. (2018) Neurotransmitter diversity in pre-synaptic terminals located in the

parvicellular neuroendocrine paraventricular nucleus of the rat and mouse hypothalamus. The Journal of comparative neurology, 526(8), 1287.

Yamamoto Y, et al. (2018) Morphology of P2X3-immunoreactive nerve endings in the rat tracheal mucosa. The Journal of comparative neurology, 526(3), 550.

Duan X, et al. (2018) Cadherin Combinations Recruit Dendrites of Distinct Retinal Neurons to a Shared Interneuronal Scaffold. Neuron, 99(6), 1145.

Peng YR, et al. (2017) Satb1 Regulates Contactin 5 to Pattern Dendrites of a Mammalian Retinal Ganglion Cell. Neuron, 95(4), 869.

Lima LB, et al. (2017) Afferent and efferent connections of the interpeduncular nucleus with special reference to circuits involving the habenula and raphe nuclei. The Journal of comparative neurology, 525(10), 2411.

Roy DS, et al. (2017) Distinct Neural Circuits for the Formation and Retrieval of Episodic Memories. Cell, 170(5), 1000.

Garrett AM, et al. (2016) Replacing the PDZ-interacting C-termini of DSCAM and DSCAML1 with epitope tags causes different phenotypic severity in different cell populations. eLife, 5.

Li J, et al. (2015) Aberrant synaptic integration in adult lamina I projection neurons following neonatal tissue damage. The Journal of neuroscience : the official journal of the Society for Neuroscience, 35(6), 2438.

Friedman LG, et al. (2015) Cadherin-8 expression, synaptic localization, and molecular control of neuronal form in prefrontal corticostriatal circuits. The Journal of comparative neurology, 523(1), 75.

Stensrud MJ, et al. (2015) Immunogold characteristics of VGLUT3-positive GABAergic nerve terminals suggest corelease of glutamate. The Journal of comparative neurology, 523(18), 2698.

Soiza-Reilly M, et al. (2011) Quantitative analysis of glutamatergic innervation of the mouse dorsal raphe nucleus using array tomography. The Journal of comparative neurology, 519(18), 3802.

Phillips MJ, et al. (2010) Progression of neuronal and synaptic remodeling in the rd10 mouse model of retinitis pigmentosa. The Journal of comparative neurology, 518(11), 2071.