Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

Anti-Shank 3

RRID:AB_2619863
Type: Antibody

Proper Citation

(Synaptic Systems Cat# 162 304, RRID:AB_2619863)

Antibody Information

URL: http://antibodyregistry.org/AB_2619863

Proper Citation: (Synaptic Systems Cat# 162 304, RRID:AB_2619863)

Target Antigen: Shank 3

Host Organism: guinea pig

Clonality: polyclonal

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

Antibody Name: Anti-Shank 3

Description: This polyclonal targets Shank 3

Target Organism: Rat, Mouse

Antibody ID: AB_2619863

Vendor: Synaptic Systems

Catalog Number: 162 304

Record Creation Time: 20231110T034858+0000

Record Last Update: 20240725T032521+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Shank 3.

No alerts have been found for Anti-Shank 3.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Mocellin P, et al. (2024) A septal-ventral tegmental area circuit drives exploratory behavior. Neuron, 112(6), 1020.

Bär J, et al. (2024) Non-canonical function of ADAM10 in presynaptic plasticity. Cellular and molecular life sciences : CMLS, 81(1), 342.

Robinson K, et al. (2024) Mapping proteomic composition of excitatory postsynaptic sites in the cerebellar cortex. Frontiers in molecular neuroscience, 17, 1381534.

Grochowska KM, et al. (2023) Jacob-induced transcriptional inactivation of CREB promotes A?-induced synapse loss in Alzheimer's disease. The EMBO journal, 42(4), e112453.

Grochowska KM, et al. (2023) Chaperone-mediated autophagy in neuronal dendrites utilizes activity-dependent lysosomal exocytosis for protein disposal. Cell reports, 42(8), 112998.

Andres-Alonso M, et al. (2023) Golgi satellites are essential for polysialylation of NCAM and expression of LTP at distal synapses. Cell reports, 42(7), 112692.

Wu CH, et al. (2022) A bidirectional switch in the Shank3 phosphorylation state biases synapses toward up- or downscaling. eLife, 11.

Tereshko L, et al. (2021) Ciliary neuropeptidergic signaling dynamically regulates excitatory synapses in postnatal neocortical pyramidal neurons. eLife, 10.

Borgmeyer M, et al. (2021) Multiomics of synaptic junctions reveals altered lipid metabolism and signaling following environmental enrichment. Cell reports, 37(1), 109797.

Hassani Nia F, et al. (2020) Targeting of ?-catenin to postsynaptic sites through interaction with the Shank3 N-terminus. Molecular autism, 11(1), 85.

Holderith N, et al. (2020) A High-Resolution Method for Quantitative Molecular Analysis of Functionally Characterized Individual Synapses. Cell reports, 32(4), 107968.

Tatavarty V, et al. (2020) Autism-Associated Shank3 Is Essential for Homeostatic

Compensation in Rodent V1. Neuron, 106(5), 769.