

Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

Anti-Syntaxin 1A

RRID:AB_887848

Type: Antibody

Proper Citation

Synaptic Systems Cat# 110 111, RRID:AB_887848

Antibody Information

URL: http://antibodyregistry.org/AB_887848

Proper Citation: Synaptic Systems Cat# 110 111, RRID:AB_887848

Target Antigen: Syntaxin 1A

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: Anti-Syntaxin 1A

Description: This monoclonal targets Syntaxin 1A

Target Organism: Human, Rat, Mammals, Mouse, Chicken

Clone ID: 78.3

Antibody ID: AB_887848

Vendor: Synaptic Systems

Catalog Number: 110 111

Record Creation Time: 20250820T000639+0000

Record Last Update: 20250820T072401+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Syntaxin 1A.

No alerts have been found for Anti-Syntaxin 1A.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Sue N, et al. (2025) ER stress disrupts insulin release in murine models of type 2 diabetes by impairing retromer action and constitutive secretion. *Cell reports*, 44(5), 115691.

Shi HJ, et al. (2024) Hippocampal excitation-inhibition balance underlies the 5-HT_{2C} receptor in modulating depressive behaviours. *Brain : a journal of neurology*, 147(11), 3764.

van Oostrum M, et al. (2023) The proteomic landscape of synaptic diversity across brain regions and cell types. *Cell*, 186(24), 5411.

Di Palma M, et al. (2023) Lipopolysaccharide augments microglial GABA uptake by increasing GABA transporter-1 trafficking and bestrophin-1 expression. *Glia*, 71(11), 2527.

Weber-Boyvat M, et al. (2022) The lipid transporter ORP2 regulates synaptic neurotransmitter release via two distinct mechanisms. *Cell reports*, 41(13), 111882.

Azarnia Tehran D, et al. (2022) Selective endocytosis of Ca²⁺-permeable AMPARs by the Alzheimer's disease risk factor CALM bidirectionally controls synaptic plasticity. *Science advances*, 8(21), eabl5032.

Asraf H, et al. (2022) SNAP23 regulates KCC2 membrane insertion and activity following mZnR/GPR39 activation in hippocampal neurons. *iScience*, 25(2), 103751.

Frei JA, et al. (2021) Regulation of Neural Circuit Development by Cadherin-11 Provides Implications for Autism. *eNeuro*, 8(4).

Chen Y, et al. (2021) Synaptotagmin-1 interacts with PI(4,5)P₂ to initiate synaptic vesicle docking in hippocampal neurons. *Cell reports*, 34(11), 108842.

J??pel M, et al. (2020) Intersectin-Mediated Clearance of SNARE Complexes Is Required for Fast Neurotransmission. *Cell reports*, 30(2), 409.

Daniel JA, et al. (2017) Analysis of SUMO1-conjugation at synapses. *eLife*, 6.