

# Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

## Anti-Syntaxin 1A

RRID:AB\_887848

Type: Antibody

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### Proper Citation

Synaptic Systems Cat# 110 111, RRID:AB\_887848

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_887848](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

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### 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 [NIF](#) .

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<sub>2C</sub> 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 Ca<sup>2+</sup>-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)P<sub>2</sub> 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.