

Resource Summary Report

Generated by NIF on Jul 30, 2026

Anti-Synaptopodin

RRID:AB_10549419

Type: Antibody

Proper Citation

Synaptic Systems Cat# 163 004, RRID:AB_10549419

Antibody Information

URL: http://antibodyregistry.org/AB_10549419

Proper Citation: Synaptic Systems Cat# 163 004, RRID:AB_10549419

Target Antigen: Synaptopodin

Host Organism: guinea pig

Clonality: polyclonal

Comments: Applications: ICC,IHC,IHC-P. KO validated

Antibody Name: Anti-Synaptopodin

Description: This polyclonal targets Synaptopodin

Target Organism: rat, mouse

Antibody ID: AB_10549419

Vendor: Synaptic Systems

Catalog Number: 163 004

Record Creation Time: 20250819T222307+0000

Record Last Update: 20250820T020118+0000

Ratings and Alerts

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

No alerts have been found for Anti-Synaptopodin.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Lahme K, et al. (2026) Autoantibody-triggered podocyte membrane budding drives autoimmune kidney disease. *Cell*, 189(1), 123.

Rößler N, et al. (2024) Maintenance of Lognormal-Like Skewed Dendritic Spine Size Distributions in Dentate Granule Cells of TNF, TNF-R1, TNF-R2, and TNF-R1/2-Deficient Mice. *The Journal of comparative neurology*, 532(7), e25645.

Smilovic D, et al. (2023) Loss of tumor necrosis factor (TNF)-receptor 1 and TNF-receptor 2 partially replicate effects of TNF deficiency on dendritic spines of granule cells in mouse dentate gyrus. *The Journal of comparative neurology*, 531(2), 281.

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

Smilovic D, et al. (2022) Constitutive tumor necrosis factor (TNF)-deficiency causes a reduction in spine density in mouse dentate granule cells accompanied by homeostatic adaptations of spine head size. *The Journal of comparative neurology*, 530(3), 656.

Speranza L, et al. (2022) Stabilization of Spine Synaptopodin by mGluR1 Is Required for mGluR-LTD. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(9), 1666.