

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

Recombinant Anti-Synapsin I antibody [EPR23531-50]

RRID:AB_2920663

Type: Antibody

Proper Citation

Abcam Cat# ab254349, RRID:AB_2920663

Antibody Information

URL: http://antibodyregistry.org/AB_2920663

Proper Citation: Abcam Cat# ab254349, RRID:AB_2920663

Target Antigen: Synapsin I

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: ICC, IHC-Fr, Flow Cyt (Intra), WB, IP, IHC-P

Antibody Name: Recombinant Anti-Synapsin I antibody [EPR23531-50]

Description: This recombinant monoclonal targets Synapsin I

Target Organism: Human, Rat, Mouse

Clone ID: EPR23531-50

Antibody ID: AB_2920663

Vendor: Abcam

Catalog Number: ab254349

Record Creation Time: 20250819T213823+0000

Record Last Update: 20250819T233652+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-Synapsin I antibody [EPR23531-50].

No alerts have been found for Recombinant Anti-Synapsin I antibody [EPR23531-50].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Øhlenschläger MS, et al. (2026) Modeling Synaptic Maturation From Growth Cone to Synapse in Human Organoids. *Journal of neurochemistry*, 170(5), e70458.

Li B, et al. (2026) A3 adenosine receptor regulates depression-like behaviors through astrocyte-nourished excitatory synapse formation. *iScience*, 29(8), 116843.

Huang W, et al. (2026) Nanoengineered extrusion-aligned tract bioprinting enables functional repair of spinal cord injuries. *Cell stem cell*.

Øhlenschläger MS, et al. (2026) Multi-omic analysis of guided and unguided forebrain organoids reveals differences in cellular composition and metabolic profiles. *Cell reports methods*, 6(2), 101295.

Zhao G, et al. (2026) Kinetochore proteins control microtubule dynamics in postmitotic neurons to regulate the formation of dendritic spines. *Proceedings of the National Academy of Sciences of the United States of America*, 123(18), e2520684123.

Yu ZY, et al. (2025) Roles of blood monocytes carrying TREM2R47H mutation in pathogenesis of Alzheimer's disease and its therapeutic potential in APP/PS1 mice. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(2), e14402.

Parra-Rivas LA, et al. (2023) Serine-129 phosphorylation of α -synuclein is an activity-dependent trigger for physiologic protein-protein interactions and synaptic function. *Neuron*, 111(24), 4006.

Song C, et al. (2023) Aminoprocaltinin protects against hippocampal neuronal death via preserving oxidative phosphorylation in refractory status epilepticus. *Cell death discovery*, 9(1), 144.

Kagan BJ, et al. (2022) In vitro neurons learn and exhibit sentience when embodied in a simulated game-world. *Neuron*, 110(23), 3952.

Park J, et al. (2018) A 3D human triculture system modeling neurodegeneration and neuroinflammation in Alzheimer's disease. *Nature neuroscience*, 21(7), 941.