

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 16, 2026

NOT AN ANTIBODY Streptavidin, Alexa Fluor 488 conjugate

RRID:AB_2315383

Type: Antibody

Proper Citation

Molecular Probes Cat# S32354, RRID:AB_2315383

Antibody Information

URL: http://antibodyregistry.org/AB_2315383

Proper Citation: Molecular Probes Cat# S32354, RRID:AB_2315383

Target Antigen: Biotin

Clonality: unknown

Comments: Discontinued; DO NOT USE THIS RRID. THIS IS NOT AN ANTIBODY. This product offered by Molecular Probes (Invitrogen), now part of Thermo Fisher

Antibody Name: NOT AN ANTIBODY Streptavidin, Alexa Fluor 488 conjugate

Description: This unknown targets Biotin

Defining Citation: [PMID:22522889](#)

Antibody ID: AB_2315383

Vendor: Molecular Probes

Catalog Number: S32354

Alternative Catalog Numbers: S32354

Record Creation Time: 20250819T231640+0000

Record Last Update: 20250820T045038+0000

Ratings and Alerts

No rating or validation information has been found for NOT AN ANTIBODY Streptavidin, Alexa Fluor 488 conjugate.

Warning: Discontinued at Molecular Probes
Discontinued; DO NOT USE THIS RRID. THIS IS NOT AN ANTIBODY.
This product offered by Molecular Probes (Invitrogen), now part of Thermo Fisher

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 137 mentions in open access literature.

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

Gibbons GM, et al. (2026) A human corticospinal organoid-slice connectoid model informs enhancer strategies for post-injury axon regrowth. Cell reports, 45(6), 117399.

Pósfai B, et al. (2026) P2Y12 Receptor Function Governs Microglial Surveillance and Cell-Cell Interactions in the Cerebral Cortex. Glia, 74(2), e70109.

Puangmalai N, et al. (2026) Connexin 50 mediates disease-relevant alpha-synuclein oligomer propagation and neuroinflammation in neurodegenerative disease. iScience, 29(7), 116399.

Cauzzi E, et al. (2026) Midbrain dopamine loss drives parvalbumin interneuron vulnerability through tissue plasminogen activator-linked perineuronal-net breakdown and hippocampal disinhibition. Neurobiology of disease, 227, 107527.

Hawthorn P, et al. (2026) Retrosplenial perineuronal nets support hippocampal-cortical coupling and spatial memory recall. Cell reports, 45(6), 117440.

Blackmer-Raynolds L, et al. (2026) Indigenous gut microbes modulate neural cell state and neurodegenerative disease susceptibility. Cell systems, 17(2), 101481.

Bui TM, et al. (2026) Identification of cycling regulatory T cell precursors as conductors of immune escape during breast carcinoma progression. Cancer cell, 44(6), 1179.

Perrotta S, et al. (2025) A heart-brain-spleen axis controls cardiac remodeling to hypertensive stress. Immunity, 58(3), 648.

Francavilla R, et al. (2025) Syngap1 regulates the synaptic drive and membrane excitability of Parvalbumin-positive interneurons in mouse auditory cortex. eLife, 13.

Fernandez-Berrocal MS, et al. (2025) NEIL3 shapes hippocampal network dynamics and fear memory through modulation of PV+ interneurons. Progress in neurobiology, 253, 102832.

Song L, et al. (2025) An NTS-expressing inhibitory circuit from interpeduncular nucleus to dorsal raphe nucleus controls pain and comorbid depression in male mice. *Cell reports*, 45(1), 116719.

Hanson MA, et al. (2025) Development of Differential Sublaminar Feedforward Inhibitory Circuits in CA1 Hippocampus Requires Satb2. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(8).

Lu H, et al. (2025) The interplay between homeostatic synaptic scaling and homeostatic structural plasticity maintains the robust firing rate of neural networks. *eLife*, 12.

Belur NR, et al. (2024) Nuclear aggregates of NONO/SFPQ and A-to-I-edited RNA in Parkinson's disease and dementia with Lewy bodies. *Neuron*, 112(15), 2558.

Ahmed MR, et al. (2024) Arrestin-3-assisted activation of JNK3 mediates dopaminergic behavioral sensitization. *Cell reports. Medicine*, 5(7), 101623.

Wang F, et al. (2024) The thalamic reticular nucleus orchestrates social memory. *Neuron*, 112(14), 2368.

Bröker-Lai J, et al. (2024) TRPC5 controls the adrenaline-mediated counter regulation of hypoglycemia. *The EMBO journal*, 43(23), 5813.

Spoleti E, et al. (2024) Dopamine neuron degeneration in the Ventral Tegmental Area causes hippocampal hyperexcitability in experimental Alzheimer's Disease. *Molecular psychiatry*.

Yan L, et al. (2024) Physical exercise mediates cortical synaptic protein lactylation to improve stress resilience. *Cell metabolism*, 36(9), 2104.

Dhanya SK, et al. (2024) Histone-binding protein RBBP4 is necessary to promote neurogenesis in the developing mouse neocortical progenitors. *eNeuro*, 11(12), ENEURO.0391.