

Resource Summary Report

Generated by [dkNET](#) 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 [dkNET](#) .

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.

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

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

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

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).

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.

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.

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

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.

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.

Kim DH, et al. (2024) The dopamine D2-like receptor and the Y-chromosome gene, SRY, are reciprocally regulated in the human male neuroblastoma M17 cell line. Neuropharmacology, 251, 109928.