

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

TrkC (C44H5) Rabbit mAb

RRID:AB_2155283

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3376, RRID:AB_2155283

Antibody Information

URL: http://antibodyregistry.org/AB_2155283

Proper Citation: Cell Signaling Technology Cat# 3376, RRID:AB_2155283

Target Antigen: TrkC (C44H5) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: TrkC (C44H5) Rabbit mAb

Description: This monoclonal targets TrkC (C44H5) Rabbit mAb

Target Organism: rat, h, m, mouse, r, human

Antibody ID: AB_2155283

Vendor: Cell Signaling Technology

Catalog Number: 3376

Record Creation Time: 20250820T052021+0000

Record Last Update: 20250820T212137+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for TrkC (C44H5) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Kasakura N, et al. (2025) Role of endogenous NT-3 in neuronal activity and neurogenesis in the hippocampal dentate gyrus. *Neuroscience research*, 218, 104923.

Chan BKC, et al. (2025) A combined enteric neuron-gastric tumor organoid reveals metabolic vulnerabilities in gastric cancer. *Cell stem cell*.

Kim H, et al. (2025) EphB2 receptor tyrosine kinase-mediated excitatory synaptic functions are negatively modulated by MDGA2. *Progress in neurobiology*, 250, 102772.

Lu T, et al. (2024) Decoding transcriptional identity in developing human sensory neurons and organoid modeling. *Cell*, 187(26), 7374.

Martellucci S, et al. (2024) Axon-derived PACSIN1 binds to the Schwann cell survival receptor, LRP1, and transactivates TrkC to promote gliatrophic activities. *Glia*, 72(5), 916.

Kasakura N, et al. (2023) Overexpression of NT-3 in the hippocampus suppresses the early phase of the adult neurogenic process. *Frontiers in neuroscience*, 17, 1178555.

Han KA, et al. (2020) LAR-RPTPs Directly Interact with Neurexins to Coordinate Bidirectional Assembly of Molecular Machineries. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(44), 8438.

Tomassoni-Ardori F, et al. (2019) Rbfox1 up-regulation impairs BDNF-dependent hippocampal LTP by dysregulating TrkB isoform expression levels. *eLife*, 8.

Wu Z, et al. (2019) Long-Range Guidance of Spinal Commissural Axons by Netrin1 and Sonic Hedgehog from Midline Floor Plate Cells. *Neuron*, 101(4), 635.

Kim JA, et al. (2017) Structural Insights into Modulation of Neurexin-Neuroigin Trans-synaptic Adhesion by MDGA1/Neuroigin-2 Complex. *Neuron*, 94(6), 1121.

Guo Y, et al. (2017) Brain-derived neurotrophic factor/neurotrophin 3 regulate axon initial segment location and affect neuronal excitability in cultured hippocampal neurons. *Journal of neurochemistry*, 142(2), 260.

Allred MJ, et al. (2015) Expression profile analysis of vulnerable CA1 pyramidal neurons in young-Middle-Aged Ts65Dn mice. *The Journal of comparative neurology*, 523(1), 61.