Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 25, 2025

Rabbit Anti-TrkC Monoclonal Antibody, Unconjugated, Clone C44H5

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

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: Rabbit Anti-TrkC Monoclonal Antibody, Unconjugated, Clone C44H5

Description: This monoclonal targets TrkC

Target Organism: rat, mouse, human

Clone ID: Clone C44H5

Antibody ID: AB_2155283

Vendor: Cell Signaling Technology

Catalog Number: 3376

Record Creation Time: 20241016T230906+0000

Record Last Update: 20241017T000732+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 Rabbit Anti-TrkC Monoclonal Antibody, Unconjugated, Clone C44H5.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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.

Bartesaghi L, et al. (2019) PRDM12 Is Required for Initiation of the Nociceptive Neuron Lineage during Neurogenesis. Cell reports, 26(13), 3484.

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-Neuroligin Trans-

synaptic Adhesion by MDGA1/Neuroligin-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.

Alldred 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.