

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

TrkB antibody

RRID:AB_444716

Type: Antibody

Proper Citation

Abcam Cat# ab18987, RRID:AB_444716

Antibody Information

URL: http://antibodyregistry.org/AB_444716

Proper Citation: Abcam Cat# ab18987, RRID:AB_444716

Target Antigen: TrkB antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ICC/IF, IHC-P, WB; Immunofluorescence; Immunohistochemistry; Immunocytochemistry; Immunohistochemistry - fixed; Western Blot

Antibody Name: TrkB antibody

Description: This polyclonal targets TrkB antibody

Target Organism: chicken, rat, mouse, chickenbird, human

Antibody ID: AB_444716

Vendor: Abcam

Catalog Number: ab18987

Record Creation Time: 20250819T231345+0000

Record Last Update: 20250820T044141+0000

Ratings and Alerts

No rating or validation information has been found for TrkB antibody.

No alerts have been found for TrkB antibody.

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](#) .

Di Palma M, et al. (2025) Adenosine A2A receptor activation is necessary to gate the TrkB-dependent intramuscular nerve sprouting during muscle reinnervation after a nerve crush. *Heliyon*, 11(1), e41441.

Zheng YN, et al. (2025) Swimming exercise alleviates peripheral neuropathic pain by downregulating FTO and promoting m6A methylation of miR-183. *The journal of headache and pain*, 26(1), 233.

Saidia AR, et al. (2024) Oxidative Stress Plays an Important Role in Glutamatergic Excitotoxicity-Induced Cochlear Synaptopathy: Implication for Therapeutic Molecules Screening. *Antioxidants (Basel, Switzerland)*, 13(2).

Li ZY, et al. (2023) Chronic spinal cord compression associated with intervertebral disc degeneration in SPARC-null mice. *Neural regeneration research*, 18(3), 634.

Xie Z, et al. (2022) A brain-to-spinal sensorimotor loop for repetitive self-grooming. *Neuron*, 110(5), 874.

Ishidori H, et al. (2022) Nasal obstruction during the growth period modulates the Wnt/ β -catenin pathway and brain-derived neurotrophic factor production in association with tyrosine kinase receptor B mRNA reduction in mouse hippocampus. *The European journal of neuroscience*, 55(1), 5.

Soman SK, et al. (2021) Cleaved PINK1 induces neuronal plasticity through PKA-mediated BDNF functional regulation. *Journal of neuroscience research*, 99(9), 2134.

Chen X, et al. (2020) High-frequency transcranial magnetic stimulation protects APP/PS1 mice against Alzheimer's disease progress by reducing APOE and enhancing autophagy. *Brain and behavior*, 10(8), e01740.

Li W, et al. (2020) Intermittent fasting promotes adult hippocampal neuronal differentiation by activating GSK-3 β in 3xTg-AD mice. *Journal of neurochemistry*, 155(6), 697.

Zhu H, et al. (2020) Long-term stability and characteristics of behavioral, biochemical, and molecular markers of three different rodent models for depression. *Brain and behavior*, 10(2), e01508.

Liu Y, et al. (2019) Nogo-A/Pir-B/TrkB Signaling Pathway Activation Inhibits Neuronal Survival and Axonal Regeneration After Experimental Intracerebral Hemorrhage in Rats.

Journal of molecular neuroscience : MN, 69(3), 360.

Ilchibaeva TV, et al. (2018) Genetically defined fear-induced aggression: Focus on BDNF and its receptors. Behavioural brain research, 343, 102.