

Resource Summary Report

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

Rabbit Anti-TrkB Polyclonal Antibody, Unconjugated

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

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunofluorescence; Western Blot; Immunocytochemistry/Immunofluorescence, Western Blot

Antibody Name: Rabbit Anti-TrkB Polyclonal Antibody, Unconjugated

Description: This polyclonal targets TrkB

Target Organism: rat, mouse, human

Antibody ID: AB_444716

Vendor: Abcam

Catalog Number: ab18987

Record Creation Time: 20250819T230636+0000

Record Last Update: 20250820T041857+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-TrkB Polyclonal Antibody, Unconjugated.

No alerts have been found for Rabbit Anti-TrkB Polyclonal Antibody, Unconjugated.

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](#) .

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.

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.

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.