Resource Summary Report

Generated by dkNET on Sep 6, 2026

Phospho-TrkA (Tyr490)/TrkB (Tyr516) (C35G9) Rabbit mAb

RRID:AB_10235585
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4619, RRID:AB_10235585

Antibody Information

URL: http://antibodyregistry.org/AB_10235585

Proper Citation: Cell Signaling Technology Cat# 4619, RRID:AB_10235585

Target Antigen: Phospho-TrkA (Tyr490)/TrkB (Tyr516) (C35G9) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP. Consolidation on 11/2018: AB_10234798, AB_10235585, AB_916182.

Antibody Name: Phospho-TrkA (Tyr490)/TrkB (Tyr516) (C35G9) Rabbit mAb

Description: This monoclonal targets Phospho-TrkA (Tyr490)/TrkB (Tyr516) (C35G9) Rabbit mAb

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

Antibody ID: AB_10235585

Vendor: Cell Signaling Technology

Catalog Number: 4619

Record Creation Time: 20231110T075421+0000

Record Last Update: 20260829T175406+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-TrkA (Tyr490)/TrkB (Tyr516) (C35G9) Rabbit mAb.

No alerts have been found for Phospho-TrkA (Tyr490)/TrkB (Tyr516) (C35G9) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Gupta R, et al. (2024) Atypical cellular responses mediated by intracellular constitutive active TrkB (NTRK2) kinase domains and a solely intracellular NTRK2-fusion oncogene. Cancer gene therapy, 31(9), 1357.

Yu J, et al. (2023) Neurotrophins and Their Receptors, Novel Therapeutic Targets for Pelvic Pain in Endometriosis, Are Coordinately Regulated by IL-1? via the JNK Signaling Pathway. The American journal of pathology, 193(8), 1046.

Fazzari M, et al. (2023) GM1 structural requirements to mediate neuronal functions. Glycoconjugate journal, 40(6), 655.

Zhu ZA, et al. (2023) CDKL5 deficiency in adult glutamatergic neurons alters synaptic activity and causes spontaneous seizures via TrkB signaling. Cell reports, 42(10), 113202.

Su W, et al. (2022) ARAF protein kinase activates RAS by antagonizing its binding to RASGAP NF1. Molecular cell, 82(13), 2443.

Maeda S, et al. (2022) Chondroitin sulfate proteoglycan is a potential target of memantine to improve cognitive function via the promotion of adult neurogenesis. British journal of pharmacology, 179(20), 4857.

Casarotto PC, et al. (2021) Antidepressant drugs act by directly binding to TRKB neurotrophin receptors. Cell, 184(5), 1299.

Tomita H, et al. (2020) The Protein Tyrosine Phosphatase Receptor Delta Regulates Developmental Neurogenesis. Cell reports, 30(1), 215.

Lunghi G, et al. (2020) Modulation of calcium signaling depends on the oligosaccharide of GM1 in Neuro2a mouse neuroblastoma cells. Glycoconjugate journal, 37(6), 713.

Di Biase E, et al. (2020) GM1 Oligosaccharide Crosses the Human Blood-Brain Barrier In Vitro by a Paracellular Route. International journal of molecular sciences, 21(8).

Wang X, et al. (2020) Astragaloside IV prevents A?1-42 oligomers-induced memory impairment and hippocampal cell apoptosis by promoting PPAR?/BDNF signaling pathway. Brain research, 1747, 147041.

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.

Chiricozzi E, et al. (2019) GM1 promotes TrkA-mediated neuroblastoma cell differentiation by occupying a plasma membrane domain different from TrkA. Journal of neurochemistry, 149(2), 231.

Chiricozzi E, et al. (2017) Role of the GM1 ganglioside oligosaccharide portion in the TrkA-dependent neurite sprouting in neuroblastoma cells. Journal of neurochemistry, 143(6), 645.