

Resource Summary Report

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Rabbit Anti-TrkA, phospho (Tyr490) / TrkB, phospho (Tyr516) Monoclonal Antibody, Unconjugated, Clone C35G9

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: TrkA, phospho (Tyr490) / TrkB, phospho (Tyr516)

Host Organism: rabbit

Clonality: monoclonal

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

Antibody Name: Rabbit Anti-TrkA, phospho (Tyr490) / TrkB, phospho (Tyr516) Monoclonal Antibody, Unconjugated, Clone C35G9

Description: This monoclonal targets TrkA, phospho (Tyr490) / TrkB, phospho (Tyr516)

Target Organism: rat, human

Clone ID: Clone C35G9

Antibody ID: AB_10235585

Vendor: Cell Signaling Technology

Catalog Number: 4619

Record Creation Time: 20231110T042611+0000

Record Last Update: 20260829T014834+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-TrkA, phospho (Tyr490) / TrkB, phospho (Tyr516) Monoclonal Antibody, Unconjugated, Clone C35G9.

No alerts have been found for Rabbit Anti-TrkA, phospho (Tyr490) / TrkB, phospho (Tyr516) Monoclonal Antibody, Unconjugated, Clone C35G9.

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.

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

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.

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 β 1-42 oligomers-induced memory impairment and hippocampal cell apoptosis by promoting PPAR γ /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.