Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

Rabbit Anti-TrkA, phospho (Tyr674 / Tyr675) / TrkB, phospho (Tyr706 / Tyr707) Monoclonal Antibody, Unconjugated, Clone C50F3

RRID:AB_916186
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4621, RRID:AB_916186)

Antibody Information

URL: http://antibodyregistry.org/AB_916186

Proper Citation: (Cell Signaling Technology Cat# 4621, RRID:AB_916186)

Target Antigen: TrkA, phospho (Tyr674 / Tyr675) / TrkB, phospho (Tyr706 / Tyr707)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP. Consolidation on 10/2018: AB_10234893, AB_10235586, AB_916186.

Antibody Name: Rabbit Anti-TrkA, phospho (Tyr674 / Tyr675) / TrkB, phospho (Tyr706 / Tyr707) Monoclonal Antibody, Unconjugated, Clone C50F3

Description: This monoclonal targets TrkA, phospho (Tyr674 / Tyr675) / TrkB, phospho (Tyr706 / Tyr707)

Target Organism: rat, human

Clone ID: Clone C50F3

Antibody ID: AB_916186

Vendor: Cell Signaling Technology

Catalog Number: 4621

Record Creation Time: 20241016T220321+0000

Record Last Update: 20241016T220718+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-TrkA, phospho (Tyr674 / Tyr675) / TrkB, phospho (Tyr706 / Tyr707) Monoclonal Antibody, Unconjugated, Clone C50F3.

No alerts have been found for Rabbit Anti-TrkA, phospho (Tyr674 / Tyr675) / TrkB, phospho (Tyr706 / Tyr707) Monoclonal Antibody, Unconjugated, Clone C50F3.

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 FDI Lab - SciCrunch.org.

Fazzari M, et al. (2024) GM1 Oligosaccharide Ameliorates Rett Syndrome Phenotypes In Vitro and In Vivo via Trk Receptor Activation. International journal of molecular sciences, 25(21).

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.

Hennlein L, et al. (2023) Plastin 3 rescues cell surface translocation and activation of TrkB in spinal muscular atrophy. The Journal of cell biology, 222(3).

Sequeira MK, et al. (2023) Cocaine and habit training cause dendritic spine rearrangement in the prelimbic cortex. iScience, 26(4), 106240.

Lüningschrör P, et al. (2023) Calnexin controls TrkB cell surface transport and ER-phagy in mouse cerebral cortex development. Developmental cell, 58(18), 1733.

Andreska T, et al. (2023) DRD1 signaling modulates TrkB turnover and BDNF sensitivity in direct pathway striatal medium spiny neurons. Cell reports, 42(6), 112575.

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.

Jeong YH, et al. (2022) Neuroprotective and Anti-Neuroinflammatory Properties of Vignae Radiatae Semen in Neuronal HT22 and Microglial BV2 Cell Lines. Nutrients, 14(24).

Kot EF, et al. (2022) Intrinsically disordered regions couple the ligand binding and kinase activation of Trk neurotrophin receptors. iScience, 25(6), 104348.

Rauskolb S, et al. (2022) Insulin-like growth factor 5 associates with human Aß plaques and promotes cognitive impairment. Acta neuropathologica communications, 10(1), 68.

O'Donohue TJ, et al. (2021) Translational Strategies for Repotrectinib in Neuroblastoma. Molecular cancer therapeutics, 20(11), 2189.

Banh RS, et al. (2020) Neurons Release Serine to Support mRNA Translation in Pancreatic Cancer. Cell, 183(5), 1202.