

# Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

## Anti-phospho-TrkB (Tyr816) Antibody

RRID:AB\_2721199

Type: Antibody

### Proper Citation

Millipore Cat# ABN1381, RRID:AB\_2721199

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2721199](http://antibodyregistry.org/AB_2721199)

**Proper Citation:** Millipore Cat# ABN1381, RRID:AB\_2721199

**Target Antigen:** TrkB

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Applications: WB, ICC, IP, IHC

**Antibody Name:** Anti-phospho-TrkB (Tyr816) Antibody

**Description:** This polyclonal targets TrkB

**Target Organism:** rat, mouse

**Antibody ID:** AB\_2721199

**Vendor:** Millipore

**Catalog Number:** ABN1381

**Record Creation Time:** 20231110T033730+0000

**Record Last Update:** 20260831T235526+0000

### Ratings and Alerts

No rating or validation information has been found for Anti-phospho-TrkB (Tyr816) Antibody .

No alerts have been found for Anti-phospho-TrkB (Tyr816) Antibody .

## 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 [RRID](#) .

Losi G, et al. (2025) Spontaneous activity of astrocytes is a stochastic functional signal for memory consolidation. *Proceedings of the National Academy of Sciences of the United States of America*, 122(42), e2500511122.

Cararo-Lopes MM, et al. (2024) Overexpression of ?-Klotho isoforms promotes distinct Effects on BDNF-Induced Alterations in Dendritic Morphology. *Molecular neurobiology*, 61(11), 9155.

Agrimi J, et al. (2024) Reiterated male-to-female violence disrupts hippocampal estrogen receptor ? expression, prompting anxiety-like behavior. *iScience*, 27(9), 110585.

Li HY, et al. (2023) A thalamic-primary auditory cortex circuit mediates resilience to stress. *Cell*, 186(7), 1352.

Chen CM, et al. (2023) Probucol treatment after traumatic brain injury activates BDNF/TrkB pathway, promotes neuroregeneration and ameliorates functional deficits in mice. *British journal of pharmacology*, 180(20), 2605.

Javed S, et al. (2023) Smith-Magenis syndrome protein RAI1 regulates body weight homeostasis through hypothalamic BDNF-producing neurons and neurotrophin downstream signalling. *eLife*, 12.

He QR, et al. (2022) Peripheral nerve fibroblasts secrete neurotrophic factors to promote axon growth of motoneurons. *Neural regeneration research*, 17(8), 1833.

Chou SM, et al. (2021) Kv1.1 channels regulate early postnatal neurogenesis in mouse hippocampus via the TrkB signaling pathway. *eLife*, 10.

Yajima H, et al. (2021) Absence of Thyroid Hormone Induced Delayed Dendritic Arborization in Mouse Primary Hippocampal Neurons Through Insufficient Expression of Brain-Derived Neurotrophic Factor. *Frontiers in endocrinology*, 12, 629100.

Liu Y, et al. (2021) Plasmalogen attenuates the development of hepatic steatosis and cognitive deficit through mechanism involving p75NTR inhibition. *Redox biology*, 43, 102002.

Kulinich AO, et al. (2020) Beneficial effects of sound exposure on auditory cortex development in a mouse model of Fragile X Syndrome. *Neurobiology of disease*, 134, 104622.

Ma T, et al. (2020) Activation of brain-derived neurotrophic factor signaling in the basal forebrain reverses acute sleep deprivation-induced fear memory impairments. *Brain and behavior*, 10(4), e01592.

Torres-Cruz FM, et al. (2019) Do BDNF and NT-4/5 exert synergistic or occlusive effects on corticostriatal transmission in a male mouse model of Huntington's disease? *Journal of neuroscience research*, 97(12), 1665.

Kharod SC, et al. (2018) Pharmacoresistant Neonatal Seizures: Critical Mechanistic Insights from a Chemoconvulsant Model. *Developmental neurobiology*, 78(11), 1117.