Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 26, 2025

Mouse Anti-Rat Tyrosine Hydroxylase Monoclonal Antibody, Unconjugated, Clone TH-16

RRID:AB_477569
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# T2928, RRID:AB_477569)

Antibody Information

URL: http://antibodyregistry.org/AB_477569

Proper Citation: (Sigma-Aldrich Cat# T2928, RRID:AB_477569)

Target Antigen: Tyrosine Hydroxylase

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: Immunohistochemistry; Immunoprecipitation; Western Blot; Immunohistochemistry, Immunoprecipitation, Western Blot

Antibody Name: Mouse Anti-Rat Tyrosine Hydroxylase Monoclonal Antibody, Unconjugated, Clone TH-16

Description: This monoclonal targets Tyrosine Hydroxylase

Target Organism: monkey, rat, simian, rabbit, bovine, human, sheep

Clone ID: Clone TH-16

Defining Citation: PMID:19844991, PMID:17206602, PMID:19107780, PMID:18465789, PMID:17990272, PMID:17183538, PMID:23047654

Antibody ID: AB_477569

Vendor: Sigma-Aldrich

Catalog Number: T2928

Record Creation Time: 20231110T044352+0000

Record Last Update: 20241115T001504+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Rat Tyrosine Hydroxylase Monoclonal Antibody, Unconjugated, Clone TH-16.

No alerts have been found for Mouse Anti-Rat Tyrosine Hydroxylase Monoclonal Antibody, Unconjugated, Clone TH-16.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 60 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Reiner A, et al. (2024) Neurochemistry and circuit organization of the lateral spiriform nucleus of birds: A uniquely nonmammalian direct pathway component of the basal ganglia. The Journal of comparative neurology, 532(5), e25620.

Kumari R, et al. (2024) Sympathetic NPY controls glucose homeostasis, cold tolerance, and cardiovascular functions in mice. Cell reports, 43(2), 113674.

Kashiwagi M, et al. (2024) A pontine-medullary loop crucial for REM sleep and its deficit in Parkinson's disease. Cell, 187(22), 6272.

Gatica-Garcia B, et al. (2024) Unilateral rNurr1-V5 transgene expression in nigral dopaminergic neurons mitigates bilateral neuropathology and behavioral deficits in parkinsonian rats with ?-synucleinopathy. Neural regeneration research, 19(9), 2057.

Avvisati R, et al. (2024) Distributional coding of associative learning in discrete populations of midbrain dopamine neurons. Cell reports, 43(4), 114080.

Saenz J, et al. (2024) Parkinson's disease gene, Synaptojanin1, dysregulates the surface maintenance of the dopamine transporter. NPJ Parkinson's disease, 10(1), 148.

Ba W, et al. (2024) A REM-active basal ganglia circuit that regulates anxiety. Current biology : CB, 34(15), 3301.

Rivas-Santisteban R, et al. (2024) Cannabinoid regulation of angiotensin II-induced calcium signaling in striatal neurons. NPJ Parkinson's disease, 10(1), 220.

Saenz J, et al. (2023) Cocaine-regulated trafficking of dopamine transporters in cultured neurons revealed by a pH sensitive reporter. iScience, 26(1), 105782.

Azcorra M, et al. (2023) Unique functional responses differentially map onto genetic subtypes of dopamine neurons. Nature neuroscience, 26(10), 1762.

Chen C, et al. (2023) Parkinson's disease neurons exhibit alterations in mitochondrial quality control proteins. NPJ Parkinson's disease, 9(1), 120.

Fehér M, et al. (2023) Downregulation of PACAP and the PAC1 Receptor in the Basal Ganglia, Substantia Nigra and Centrally Projecting Edinger-Westphal Nucleus in the Rotenone model of Parkinson's Disease. International journal of molecular sciences, 24(14).

Grunz EA, et al. (2023) Adventitial macrophage accumulation impairs perivascular nerve function in mesenteric arteries with inflammatory bowel disease. Frontiers in physiology, 14, 1198066.

Lopez-Lopez A, et al. (2023) Interactions between Angiotensin Type-1 Antagonists, Statins, and ROCK Inhibitors in a Rat Model of L-DOPA-Induced Dyskinesia. Antioxidants (Basel, Switzerland), 12(7).

Kumari R, et al. (2023) Sympathetic NPY controls glucose homeostasis, cold tolerance, and cardiovascular functions in mice. bioRxiv : the preprint server for biology.

George NM, et al. (2022) Excitable Axonal Domains Adapt to Sensory Deprivation in the Olfactory System. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(8), 1491.

Vaidya B, et al. (2022) Pharmacological Modulation of TRPM2 Channels via PARP Pathway Leads to Neuroprotection in MPTP-induced Parkinson's Disease in Sprague Dawley Rats. Molecular neurobiology, 59(3), 1528.

Gaszner T, et al. (2022) Fluoxetine treatment supports predictive validity of the three hit model of depression in male PACAP heterozygous mice and underpins the impact of early life adversity on therapeutic efficacy. Frontiers in endocrinology, 13, 995900.

Sowmithra S, et al. (2022) Recovery of Human Embryonic Stem Cells-Derived Neural Progenitors Exposed to Hypoxic-Ischemic-Reperfusion Injury by Indirect Exposure to Wharton's Jelly Mesenchymal Stem Cells Through Phosphatidyl-inositol-3-Kinase Pathway. Cellular and molecular neurobiology, 42(4), 1167.

Mutoh H, et al. (2022) Elucidation of pathological mechanism caused by human disease mutation in CaMKII?. Journal of neuroscience research, 100(3), 880.