Resource Summary Report

Generated by RRID on May 20, 2025

Anti-Dopamine Transporter Antibody, NT, clone DAT-Nt

RRID:AB_2190413
Type: Antibody

Proper Citation

(Millipore Cat# MAB369, RRID:AB_2190413)

Antibody Information

URL: http://antibodyregistry.org/AB_2190413

Proper Citation: (Millipore Cat# MAB369, RRID:AB_2190413)

Target Antigen: Dopamine Transporter

Clonality: monoclonal

Comments: Applications: ICC, IHC, WB

Antibody Name: Anti-Dopamine Transporter Antibody, NT, clone DAT-Nt

Description: This monoclonal targets Dopamine Transporter

Target Organism: monkey, rat, mouse, human

Clone ID: clone DAT-Nt

Defining Citation: PMID:16927256, PMID:23623814

Antibody ID: AB_2190413

Vendor: Millipore

Catalog Number: MAB369

Record Creation Time: 20231110T081727+0000

Record Last Update: 20241115T054636+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Dopamine Transporter Antibody, NT, clone DAT-Nt.

No alerts have been found for Anti-Dopamine Transporter Antibody, NT, clone DAT-Nt.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 55 mentions in open access literature.

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

Varela RB, et al. (2024) Anti-manic effect of deep brain stimulation of the ventral tegmental area in an animal model of mania induced by methamphetamine. Bipolar disorders, 26(4), 376.

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.

Apuschkin M, et al. (2024) An atlas of GPCRs in dopamine neurons: Identification of the free fatty acid receptor 4 as a regulator of food and water intake. Cell reports, 43(7), 114509.

Sasaki T, et al. (2024) Voluntary exercise suppresses inflammation and improves insulin resistance in the arcuate nucleus and ventral tegmental area in mice on a high-fat diet. Physiology & behavior, 287, 114703.

Carbonell-Roig J, et al. (2024) Dysregulated acetylcholine-mediated dopamine neurotransmission in the eIF4E Tg mouse model of autism spectrum disorders. Cell reports, 43(12), 114997.

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

Hobson BD, et al. (2023) Conserved and cell type-specific transcriptional responses to IFN-? in the ventral midbrain. Brain, behavior, and immunity, 111, 277.

Delignat-Lavaud B, et al. (2023) Synaptotagmin-1-dependent phasic axonal dopamine release is dispensable for basic motor behaviors in mice. Nature communications, 14(1), 4120.

Schmit KJ, et al. (2023) Fiber deprivation and microbiome-borne curli shift gut bacterial populations and accelerate disease in a mouse model of Parkinson's disease. Cell reports,

42(9), 113071.

Mayer FP, et al. (2023) Kappa Opioid Receptor Antagonism Rescues Genetic Perturbation of Dopamine Homeostasis: Molecular, Physiological and Behavioral Consequences. bioRxiv : the preprint server for biology.

Sun R, et al. (2022) Inflammation in VTA Caused by HFD Induces Activation of Dopaminergic Neurons Accompanied by Binge-like Eating. Nutrients, 14(18).

La Barbera L, et al. (2022) Upregulation of Ca2+-binding proteins contributes to VTA dopamine neuron survival in the early phases of Alzheimer's disease in Tg2576 mice. Molecular neurodegeneration, 17(1), 76.

Crittenden JR, et al. (2022) Cannabinoid Receptor 1 Is Required for Neurodevelopment of Striosome-Dendron Bouquets. eNeuro, 9(2).

Skiteva O, et al. (2022) LRRK2-G2019S mice display alterations in glutamatergic synaptic transmission in midbrain dopamine neurons. Journal of neurochemistry, 161(2), 158.

Pakarinen E, et al. (2022) CDNF and MANF regulate ER stress in a tissue-specific manner. Cellular and molecular life sciences : CMLS, 79(2), 124.

Lycas MD, et al. (2022) Nanoscopic dopamine transporter distribution and conformation are inversely regulated by excitatory drive and D2 autoreceptor activity. Cell reports, 40(13), 111431.

Stewart A, et al. (2022) Behaviorally penetrant, anomalous dopamine efflux exposes sex and circuit dependent regulation of dopamine transporters. Molecular psychiatry, 27(12), 4869.

Maltese M, et al. (2021) Dopamine differentially modulates the size of projection neuron ensembles in the intact and dopamine-depleted striatum. eLife, 10.

Fougère M, et al. (2021) Heterogeneous expression of dopaminergic markers and Vglut2 in mouse mesodiencephalic dopaminergic nuclei A8-A13. The Journal of comparative neurology, 529(7), 1273.

Consoli DC, et al. (2021) Ascorbate deficiency decreases dopamine release in gulo-/- and APP/PSEN1 mice. Journal of neurochemistry, 157(3), 656.