

Resource Summary Report

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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 [FDI Lab - SciCrunch.org](#).

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- γ 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.

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.

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

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.