Resource Summary Report

Generated by dkNET on Aug 25, 2026

Mouse Anti-Tyrosine Hydroxylase (TH, Tyrosine Monooxygenase) Monoclonal antibody, Unconjugated, Clone 2/40/15

RRID:AB_2201526
Type: Antibody

Proper Citation

Millipore Cat# MAB5280, RRID:AB_2201526

Antibody Information

URL: http://antibodyregistry.org/AB_2201526

Proper Citation: Millipore Cat# MAB5280, RRID:AB_2201526

Target Antigen: Tyrosine Hydroxylase (TH, Tyrosine Monooxygenase)

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: Immunohistochemistry; Western Blot; Western Blotting, Immunohistochemistry

Antibody Name: Mouse Anti-Tyrosine Hydroxylase (TH, Tyrosine Monooxygenase) Monoclonal antibody, Unconjugated, Clone 2/40/15

Description: This monoclonal targets Tyrosine Hydroxylase (TH, Tyrosine Monooxygenase)

Target Organism: chicken, chickenavian, rat, quail, bovine

Clone ID: Clone 2/40/15

Defining Citation: PMID:18041777, PMID:18770870, PMID:21280041

Antibody ID: AB_2201526

Vendor: Millipore

Catalog Number: MAB5280

Record Creation Time: 20250820T024921+0000

Record Last Update: 20250820T143635+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Tyrosine Hydroxylase (TH, Tyrosine Monooxygenase) Monoclonal antibody, Unconjugated, Clone 2/40/15.

No alerts have been found for Mouse Anti-Tyrosine Hydroxylase (TH, Tyrosine Monooxygenase) Monoclonal antibody, Unconjugated, Clone 2/40/15.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Ogawa R, et al. (2026) A Novel Mouse Model of Sympathoadrenal Catecholamine Deficiency by Ablation of the Tyrosine Hydroxylase Gene With Slc6a4-Cre. Journal of neurochemistry, 170(4), e70427.

Choi SJ, et al. (2026) ?-Synuclein expression is required for somatodendritic dopamine release and immediate early gene induction. Science advances, 12(5), eady6978.

Ferreira AFF, et al. (2025) Microglial Activation and Inflammatory Responses in Parkinson's Disease Models Are Attenuated by TRPM2 Depletion. Glia, 73(10), 2035.

Ferreira AFF, et al. (2024) Neurodegeneration and glial morphological changes are both prevented by TRPM2 inhibition during the progression of a Parkinson's disease mouse model. Experimental neurology, 377, 114780.

Bianchetti ME, et al. (2024) Inhibition of neuroinflammation by GIBH-130 (AD-16) reduces neurodegeneration, motor deficits, and proinflammatory cytokines in a hemiparkinsonian model. Frontiers in neuroanatomy, 18, 1511951.

Balzano T, et al. (2024) Neurovascular and immune factors of vulnerability of substantia nigra dopaminergic neurons in non-human primates. NPJ Parkinson's disease, 10(1), 118.

Jain S, et al. (2023) Adaptor protein-3 produces synaptic vesicles that release phasic dopamine. Proceedings of the National Academy of Sciences of the United States of America, 120(42), e2309843120.

Ferreira AFF, et al. (2022) Inhibition of TRPM2 by AG490 Is Neuroprotective in a Parkinson's Disease Animal Model. Molecular neurobiology, 59(3), 1543.

Miyajima K, et al. (2022) Perturbation of monoamine metabolism and enhanced fear responses in mice defective in the regeneration of tetrahydrobiopterin. Journal of neurochemistry, 161(2), 129.

Aronowitz JV, et al. (2022) DARPP-32 distinguishes a subset of adult-born neurons in zebra finch HVC. The Journal of comparative neurology, 530(5), 792.

Fellinger L, et al. (2021) A midbrain dynorphin circuit promotes threat generalization. Current biology : CB, 31(19), 4388.

Ni RJ, et al. (2021) Whole-Brain Afferent Inputs to the Caudate Nucleus, Putamen, and Accumbens Nucleus in the Tree Shrew Striatum. Frontiers in neuroanatomy, 15, 763298.

Izco M, et al. (2021) Glial activation precedes alpha-synuclein pathology in a mouse model of Parkinson's disease. Neuroscience research, 170, 330.

di Caudo C, et al. (2020) CAV-2-Mediated GFP and LRRK2G2019S Expression in the Macaca fascicularis Brain. Frontiers in molecular neuroscience, 13, 49.

Hunker AC, et al. (2020) Conditional Single Vector CRISPR/SaCas9 Viruses for Efficient Mutagenesis in the Adult Mouse Nervous System. Cell reports, 30(12), 4303.

Huang ZH, et al. (2020) Distribution of tyrosine-hydroxylase-immunoreactive neurons in the hypothalamus of tree shrews. The Journal of comparative neurology, 528(6), 935.

Sarkar S, et al. (2020) Kv1.3 modulates neuroinflammation and neurodegeneration in Parkinson's disease. The Journal of clinical investigation, 130(8), 4195.

Csikós V, et al. (2020) The mycotoxin deoxynivalenol activates GABAergic neurons in the reward system and inhibits feeding and maternal behaviours. Archives of toxicology, 94(9), 3297.

Kuter K, et al. (2019) Astrocyte support is important for the compensatory potential of the nigrostriatal system neurons during early neurodegeneration. Journal of neurochemistry, 148(1), 63.

Pérez de Sevilla Müller L, et al. (2019) Multiple cell types form the VIP amacrine cell population. The Journal of comparative neurology, 527(1), 133.