Resource Summary Report

Generated by dkNET on Aug 1, 2026

Anti-Tyrosine Hydroxylase Antibody

RRID:AB_390204
Type: Antibody

Proper Citation

Sigma-Aldrich Cat# AB152, RRID:AB_390204

Antibody Information

URL: http://antibodyregistry.org/AB_390204

Proper Citation: Sigma-Aldrich Cat# AB152, RRID:AB_390204

Target Antigen: Tyrosine Hydroxylase

Host Organism: Rabbit

Clonality: polyclonal

Comments: Applications: ELISA, IF, IH, IH(P), IP, WB.
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: Anti-Tyrosine Hydroxylase Antibody

Description: This polyclonal targets Tyrosine Hydroxylase

Target Organism: feline, rat, aplysia (marine mollusc), mouse, drosophila, squid, ferret, human, mollusk

Antibody ID: AB_390204

Vendor: Sigma-Aldrich

Catalog Number: AB152

Record Creation Time: 20250819T234212+0000

Record Last Update: 20250820T060927+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Anti-Tyrosine Hydroxylase Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 533 mentions in open access literature.

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

Kilpeläinen T, et al. (2026) Novel PREP ligand, HUP-46, ameliorates behavioral deficits in an alpha-synuclein based Parkinson's disease model. Experimental neurology, 397, 115593.

Gong F, et al. (2026) Calcium overload induced mitochondrial and lysosomal dysfunction is regulated by Tousled-like kinase in a-synucleinopathy. Cell death & disease, 17(1), 10.

Nguyen N, et al. (2026) Transcranial microtesla magnetic fields suppress neuroinflammation and neuronal oxidative stress burden. iScience, 29(1), 114425.

Liu Y, et al. (2026) Human PSC-derived organoids model sympathetic ganglion development and its functional crosstalk with the heart. Cell stem cell, 33(1), 29.

Pagiazitis JG, et al. (2025) Catecholaminergic dysfunction drives postural and locomotor deficits in a mouse model of spinal muscular atrophy. Cell reports, 44(1), 115147.

Ma Q, et al. (2025) Oligodendrocytes drive neuroinflammation and neurodegeneration in Parkinson's disease via the prosaposin-GPR37-IL-6 axis. Cell reports, 44(2), 115266.

Gu BM, et al. (2025) Substantia nigra modulates breathing rate via locus coeruleus. iScience, 28(5), 112423.

Basu S, et al. (2025) Transient receptor potential vanilloid 2 (TRPV2) channels modulate the nigrostriatal dopaminergic activity in rats. Neuropharmacology, 278, 110545.

Kim JS, et al. (2025) Clonal hematopoiesis-associated motoric deficits caused by monocyte-derived microglia accumulating in aging mice. Cell reports, 44(5), 115609.

Rotini A, et al. (2025) Sympathetic innervation maintains the murine quiescent skeletal muscle stem cell pool via perivascular-derived Angpt1. Developmental cell.

Li L, et al. (2025) Selective loss of Scn2a in ventral tegmental area dopaminergic neurons leads to dopamine system hypofunction and autistic-like behaviors. Neuron.

Meli N, et al. (2025) Alterations in dopaminergic innervation and receptors in focal cortical dysplasia. Brain : a journal of neurology, 148(8), 2899.

Sorelli M, et al. (2025) Myelinated fiber labeling and orientation mapping of the human brain with light-sheet fluorescence microscopy. bioRxiv : the preprint server for biology.

Wagner L, et al. (2025) The Impact of Neuregulin 4 on Metabolic Dysregulation in Lipodystrophy. Endocrinology, 166(9).

Usenko TS, et al. (2025) Restoration of Lysosomal Hydrolase Activities by LRRK2 Inhibition in GBA1- and LRRK2-Associated Parkinson's Disease Patient-Derived Cells. Journal of neurochemistry, 169(9), e70214.

Freixes J, et al. (2025) Postnatal plasticity in the olfactory system of the juvenile swine brain. Brain structure & function, 230(8), 152.

Pauza AG, et al. (2025) Age-dependent remodelling of arterial chemoafferent innervation in hypertension. Cardiovascular research, 121(15), 2347.

Cai H, et al. (2025) Vascular network-inspired diffusible scaffolds for engineering functional midbrain organoids. Cell stem cell, 32(5), 824.

Franck MCM, et al. (2025) Spinal lumbar Urocortin 3-expressing neurons are associated with both scratching and Compound 48/80-induced sensations. Pain, 166(5), 1070.

Fnu T, et al. (2025) Sympathetic Neurons Promote Small Cell Lung Cancer through the ? 2-Adrenergic Receptor. Cancer discovery, 15(3), 616.