

Resource Summary Report

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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 [RRID](#) .

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.

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.

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

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*.

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

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*.

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

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.

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

Fraser KM, et al. (2025) Contextual cues facilitate dynamic value encoding in the mesolimbic dopamine system. *Current biology : CB*, 35(4), 746.

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

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.