

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

Tyrosine Hydroxylase antibody - Neuronal Marker

RRID:AB_297840

Type: Antibody

Proper Citation

Abcam Cat# ab112, RRID:AB_297840

Antibody Information

URL: http://antibodyregistry.org/AB_297840

Proper Citation: Abcam Cat# ab112, RRID:AB_297840

Target Antigen: Tyrosine Hydroxylase antibody - Neuronal Marker

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: Immunohistochemistry; Immunohistochemistry - fixed; Western Blot; Immunohistochemistry - frozen; Immunoprecipitation; Immunocytochemistry; ICC, IHC-FoFr, IHC-Fr, IHC-P, IP, WB

Info: Used by Czech Centre for Phenogenomics

Antibody Name: Tyrosine Hydroxylase antibody - Neuronal Marker

Description: This polyclonal targets Tyrosine Hydroxylase antibody - Neuronal Marker

Target Organism: feline, rat, mouse, cat, human

Defining Citation: [PMID:21452230](#)

Antibody ID: AB_297840

Vendor: Abcam

Catalog Number: ab112

Record Creation Time: 20250820T051651+0000

Record Last Update: 20250820T211400+0000

Ratings and Alerts

- Used by Czech Centre for Phenogenomics - Czech Centre for Phenogenomics
<https://www.phenogenomics.cz/>

No alerts have been found for Tyrosine Hydroxylase antibody - Neuronal Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 84 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

de Sousa ME, et al. (2026) Effects of IGF-1 receptor inactivation in tyrosine hydroxylase cells on body growth and growth hormone secretion. Life sciences, 385, 124125.

Chemla A, et al. (2025) Parkinson's disease mutant Miro1 causes mitochondrial dysfunction and dopaminergic neuron loss. Brain : a journal of neurology.

Ding X, et al. (2025) Neuroendocrine circuit for sleep-dependent growth hormone release. Cell, 188(18), 4968.

Nam JS, et al. (2025) An Iron-regulated Signalling Pathway Controls Adipose Browning and Cancer Cachexia. bioRxiv : the preprint server for biology.

Ficchi S, et al. (2025) Optogenetic stimulation of midbrain dopaminergic neurons rescues hippocampal synaptic plasticity deficits in a mouse model of Alzheimer's disease. Translational psychiatry, 15(1), 371.

Vigo T, et al. (2025) Noradrenergic control of bone marrow and thymus by AgRP neurons is impaired in experimental multiple sclerosis. Cell reports, 44(11), 116556.

Gusmao DO, et al. (2025) GH-Releasing Hormone Neurons Regulate the Hypothalamic-Pituitary-Somatotropic Axis via Short-Loop Negative Feedback. Endocrinology, 166(5).

Lee DH, et al. (2025) Enhancement of motor functional recovery in thoracic spinal cord injury: voluntary wheel running versus forced treadmill exercise. Neural regeneration research, 20(3), 836.

Du L, et al. (2025) Mrgprb4-lineage neurons indispensable in pressure induced pleasant sensation are polymodal. iScience, 28(2), 111940.

Zagare A, et al. (2025) Deciphering shared molecular dysregulation across Parkinson's disease variants using a multi-modal network-based data integration and analysis. NPJ Parkinson's disease, 11(1), 63.

La Barbera L, et al. (2025) Midbrain degeneration triggers astrocyte reactivity and tau pathology in experimental Alzheimer's Disease. *Molecular neurodegeneration*, 20(1), 105.

Zuccoli E, et al. (2025) Reproducibility of PD patient-specific midbrain organoid data for in vitro disease modeling. *iScience*, 28(10), 113541.

Blackmore K, et al. (2024) A forebrain-hypothalamic ER stress driven circuit mediates hepatic steatosis during obesity. *Molecular metabolism*, 79, 101858.

Shen C, et al. (2024) Bidirectional regulation of levodopa-induced dyskinesia by a specific neural ensemble in globus pallidus external segment. *Cell reports. Medicine*, 5(6), 101566.

Yang L, et al. (2024) SARS-CoV-2 infection causes dopaminergic neuron senescence. *Cell stem cell*, 31(2), 196.

Hueske E, et al. (2024) Developmental and Adult Striatal Patterning of Nociceptin Ligand Marks Striosomal Population With Direct Dopamine Projections. *The Journal of comparative neurology*, 532(12), e70003.

Nascimento C, et al. (2024) Impaired Response to Mismatch Novelty in the Li2+-Pilocarpine Rat Model of TLE: Correlation with Hippocampal Monoaminergic Inputs. *Biomedicines*, 12(3).

Spoleti E, et al. (2024) Dopamine neuron degeneration in the Ventral Tegmental Area causes hippocampal hyperexcitability in experimental Alzheimer's Disease. *Molecular psychiatry*.

Bröker-Lai J, et al. (2024) TRPC5 controls the adrenaline-mediated counter regulation of hypoglycemia. *The EMBO journal*, 43(23), 5813.

Choi A, et al. (2024) Circuit mechanism underlying fragmented sleep and memory deficits in 16p11.2 deletion mouse model of autism. *iScience*, 27(12), 111285.