

Resource Summary Report

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Anti-Tyrosine Hydroxylase Antibody

RRID:AB_90755

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# AB1542, RRID:AB_90755

Antibody Information

URL: http://antibodyregistry.org/AB_90755

Proper Citation: Sigma-Aldrich Cat# AB1542, RRID:AB_90755

Target Antigen: Tyrosine Hydroxylase

Host Organism: sheep

Clonality: polyclonal

Comments: Applications: IHC, WB
consolidation by curator on 4/22/2017 with AB_11213126

Antibody Name: Anti-Tyrosine Hydroxylase Antibody

Description: This polyclonal targets Tyrosine Hydroxylase

Target Organism: rat, mouse

Antibody ID: AB_90755

Vendor: Sigma-Aldrich

Catalog Number: AB1542

Record Creation Time: 20250820T063412+0000

Record Last Update: 20250821T002651+0000

Ratings and Alerts

- Human colon Whole Mount technique staining in Myenteric plexus in Soma shows strong immunostaining. Human colon Whole Mount technique staining in Myenteric

plexus in Fibers shows strong immunostaining. Data provided by Brookes lab. -
Brookes et al. (2022) via SPARC

<https://sparc.science/resources/7Mldjv3RIVrQ11hpBC8PK>

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 141 mentions in open access literature.

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

Yang L, et al. (2026) IL-1R1-positive dorsal raphe neurons drive self-imposed social withdrawal in sickness. *Cell*, 189(1), 272.

Voisin T, et al. (2026) Skin inflammation and itch response are independently regulated by distinct nociceptor subsets. *Immunity*, 59(5), 1237.

Haenraets K, et al. (2026) GABAergic Gbx1 neurons of the superficial dorsal horn are critical elements of a spinal circuit for stress-induced analgesia. *Neuron*, 114(12), 2221.

Locarno A, et al. (2026) Endocannabinoid modulation of a reciprocal fronto-coerulear connection in contextual discrimination. *Cell reports*, 45(4), 117141.

Kushwaha S, et al. (2026) Early dorsal hippocampal catecholaminergic vulnerability is associated with sex-specific susceptibility to proactive interference in APP/PS1 mice. *Behavioural brain research*, 508, 116208.

Wu T, et al. (2026) SARM1 executes neuronal parthanatos and promotes excitotoxic cell death. *Neuron*.

Pfeil U, et al. (2026) Preparation of cleared whole-mount urethra and urinary bladder from transcardially perfused mice for immunolabeling and analysis by CLSM. *STAR protocols*, 7(2), 104542.

Zhu H, et al. (2026) AAV-PHP.eB Peripheral Delivery and Central Expression in Cre Mice. *The Journal of comparative neurology*, 534(1), e70125.

Zheng C, et al. (2026) Converging dopamine pathways onto basolateral amygdala neurons encode exploration decisions. *Neuron*, 114(6), 1131.

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

Trevizan-Baú P, et al. (2025) Airway sympathectomy attenuates inflammation, transcriptional ratios of Muc5ac and Muc5b, and airway mechanic deficits in mice delivered intranasal IL-13. *American journal of physiology. Lung cellular and molecular*

physiology.

Jehl J, et al. (2025) The interpeduncular nucleus blunts the rewarding effect of nicotine. *Neuron*, 113(12), 1898.

Luo W, et al. (2025) Perfluoropentane-based oxygen-loaded nanodroplets reduce microglial activation through metabolic reprogramming. *Neural regeneration research*, 20(4), 1178.

Pulido C, et al. (2025) Neuromodulatory control of energy reserves in dopaminergic neurons. *Proceedings of the National Academy of Sciences of the United States of America*, 122(50), e2523019122.

Jia Y, et al. (2025) Single-cell sequencing exposes mast cell-derived CD52's anti-tumor action in breast cancer through the IL-6/JAK/STAT3 axis. *International journal of biological macromolecules*, 310(Pt 3), 142879.

McLeod CM, et al. (2025) Protocadherin ?C4 Promotes Neuronal Survival in the Mouse Retina Through Its Variable Cytoplasmic Domain. *Molecular neurobiology*, 62(12), 16081.

Harding EK, et al. (2025) Locus coeruleus microcircuitry processes periaqueductal gray inputs into distinct outputs for regulation of pain and anxiety. *Cell reports*, 44(12), 116699.

Giacomoni J, et al. (2025) Protocol for 3D direct reprogramming of human glia into dopaminergic neurons with gene expression and immunocytochemistry validation. *STAR protocols*, 6(4), 104088.

Hanna P, et al. (2025) Noradrenergic and cholinergic innervation of the normal human heart and changes associated with cardiomyopathy. *Anatomical record (Hoboken, N.J. : 2007)*.

Perrotta S, et al. (2025) A heart-brain-spleen axis controls cardiac remodeling to hypertensive stress. *Immunity*, 58(3), 648.