Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 6, 2025

Tyrosine Hydroxylase antibody

RRID:AB_1524535
Type: Antibody

Proper Citation

(Abcam Cat# ab76442, RRID:AB_1524535)

Antibody Information

URL: http://antibodyregistry.org/AB_1524535

Proper Citation: (Abcam Cat# ab76442, RRID:AB_1524535)

Target Antigen: Tyrosine Hydroxylase

Host Organism: chicken

Clonality: polyclonal

Comments: Applications: ICC/IF, IHC-P, IHC-FoFr, IHC-FrFl, IHC-Fr

Antibody Name: Tyrosine Hydroxylase antibody

Description: This polyclonal targets Tyrosine Hydroxylase

Target Organism: rat, mouse, human

Antibody ID: AB_1524535

Vendor: Abcam

Catalog Number: ab76442

Record Creation Time: 20231110T073506+0000

Record Last Update: 20241115T101821+0000

Ratings and Alerts

- Worked, but weak staining in CLARITY protocol performed on human pancreas. - Butterworth et al, 2018 https://dx.doi.org/10.3791/56859

No alerts have been found for Tyrosine Hydroxylase antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 71 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Dautan D, et al. (2024) Gut-Initiated Alpha Synuclein Fibrils Drive Parkinson's Disease Phenotypes: Temporal Mapping of non-Motor Symptoms and REM Sleep Behavior Disorder. bioRxiv : the preprint server for biology.

Avvisati R, et al. (2024) Distributional coding of associative learning in discrete populations of midbrain dopamine neurons. Cell reports, 43(4), 114080.

Zarate-Lopez D, et al. (2024) Sex differences in autism-like behavior and dopaminergic neurons in substantia nigra of juvenile mice prenatally exposed to valproate. Developmental psychobiology, 66(2), e22469.

Narai E, et al. (2024) Orexinergic neurons contribute to autonomic cardiovascular regulation for locomotor exercise. The Journal of physiology.

Kojima L, et al. (2024) Optimization of AAV vectors for transactivator-regulated enhanced gene expression within targeted neuronal populations. iScience, 27(6), 109878.

Lind-Holm Mogensen F, et al. (2024) Protocol for immunofluorescence staining and large-scale analysis to quantify microglial cell morphology at single-cell resolution in mice. STAR protocols, 5(4), 103467.

Yao H, et al. (2024) Exercise training upregulates CD55 to suppress complement-mediated synaptic phagocytosis in Parkinson's disease. Journal of neuroinflammation, 21(1), 246.

Kilfeather P, et al. (2024) Single-cell spatial transcriptomic and translatomic profiling of dopaminergic neurons in health, aging, and disease. Cell reports, 43(3), 113784.

Kulesskaya N, et al. (2024) HER-096 is a CDNF-derived brain-penetrating peptidomimetic that protects dopaminergic neurons in a mouse synucleinopathy model of Parkinson's disease. Cell chemical biology, 31(3), 593.

Erickson AG, et al. (2024) Motor innervation directs the correct development of the mouse

sympathetic nervous system. Nature communications, 15(1), 7065.

Yoshimatsu S, et al. (2023) Generation of a tyrosine hydroxylase-2A-Cre knockin non-human primate model by homology-directed-repair-biased CRISPR genome editing. Cell reports methods, 3(9), 100590.

Kim HJ, et al. (2023) GABAergic-like dopamine synapses in the brain. Cell reports, 42(10), 113239.

Chen Y, et al. (2023) Circuit-specific gene therapy reverses core symptoms in a primate Parkinson's disease model. Cell, 186(24), 5394.

Mahoney-Crane CL, et al. (2023) Neuronopathic GBA1L444P Mutation Accelerates Glucosylsphingosine Levels and Formation of Hippocampal Alpha-Synuclein Inclusions. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(3), 501.

Villarino NW, et al. (2023) Labeling PIEZO2 activity in the peripheral nervous system. Neuron, 111(16), 2488.

Corona A, et al. (2023) A circuit from the locus coeruleus to the anterior cingulate cortex modulates offspring interactions in mice. Cell reports, 42(7), 112771.

Xie Y, et al. (2023) A dopaminergic reward prediction error signal shapes maternal behavior in mice. Neuron, 111(4), 557.

Lin G, et al. (2023) Exploring therapeutic strategies for infantile neuronal axonal dystrophy (INAD/PARK14). eLife, 12.

Frank MM, et al. (2023) Experience-dependent flexibility in a molecularly diverse central-to-peripheral auditory feedback system. eLife, 12.

Lorenzon P, et al. (2023) In vivo spontaneous activity and coital-evoked inhibition of mouse accessory olfactory bulb output neurons. iScience, 26(9), 107545.