

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

TH (Tyrosine Hydroxylase)

RRID:AB_2313713

Type: Antibody

Proper Citation

Pel-Freez Biologicals Cat# P40101, RRID:AB_2313713

Antibody Information

URL: http://antibodyregistry.org/AB_2313713

Proper Citation: Pel-Freez Biologicals Cat# P40101, RRID:AB_2313713

Clonality: unknown

Antibody Name: TH (Tyrosine Hydroxylase)

Description: This unknown targets

Defining Citation: [PMID:17245706](#)

Antibody ID: AB_2313713

Vendor: Pel-Freez Biologicals

Catalog Number: P40101

Record Creation Time: 20231110T042051+0000

Record Last Update: 20260829T203630+0000

Ratings and Alerts

No rating or validation information has been found for TH (Tyrosine Hydroxylase).

No alerts have been found for TH (Tyrosine Hydroxylase).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Jovanovic VM, et al. (2026) Scalable hypothalamic neuron differentiation from human pluripotent stem cells suitable for modeling metabolic disorders. *Stem cell reports*, 21(7), 102958.

Zhang X, et al. (2025) 3D-generation of high-purity midbrain dopaminergic progenitors and lineage-guided refinement of grafts supports Parkinson's disease cell therapy. *Cell stem cell*, 32(11), 1758.

Stykel MG, et al. (2025) G6PD deficiency triggers dopamine loss and the initiation of Parkinson's disease pathogenesis. *Cell reports*, 44(1), 115178.

Yan W, et al. (2025) Human stem cell-derived A10 dopaminergic neurons specifically integrate into mouse circuits and improve depression-like behaviors. *Cell stem cell*, 32(9), 1457.

Parmasad JA, et al. (2024) Genetic and pharmacological reduction of CDK14 mitigates synucleinopathy. *Cell death & disease*, 15(4), 246.

Thomas RA, et al. (2024) CelltypeR: A flow cytometry pipeline to characterize single cells from brain organoids. *iScience*, 27(9), 110613.

Wu HF, et al. (2024) Parasympathetic neurons derived from human pluripotent stem cells model human diseases and development. *Cell stem cell*, 31(5), 734.

Kovaleva V, et al. (2023) MANF regulates neuronal survival and UPR through its ER-located receptor IRE1?. *Cell reports*, 42(2), 112066.

You Z, et al. (2023) Mapping of clonal lineages across developmental stages in human neural differentiation. *Cell stem cell*, 30(4), 473.

Stoop J, et al. (2023) Tyrosine hydroxylase phosphorylation is under the control of serine 40. *Journal of neurochemistry*, 167(3), 376.

Tcw J, et al. (2022) Cholesterol and matrisome pathways dysregulated in astrocytes and microglia. *Cell*, 185(13), 2213.

Sakharkar M, et al. (2022) Complex Neurochemical Microstructure of the Stria Terminalis in Infant and Adult Macaque Monkey. *Frontiers in neuroanatomy*, 16, 891608.

Piao J, et al. (2021) Preclinical Efficacy and Safety of a Human Embryonic Stem Cell-Derived Midbrain Dopamine Progenitor Product, MSK-DA01. *Cell stem cell*, 28(2), 217.

Kamenev D, et al. (2021) Schwann cell precursors generate sympathoadrenal system during zebrafish development. *Journal of neuroscience research*, 99(10), 2540.

Bordone MP, et al. (2021) Fyn knockdown prevents levodopa-induced dyskinesia in a mouse model of Parkinson's disease. *eNeuro*, 8(4).

Stykel MG, et al. (2021) α -Synuclein mutation impairs processing of endomembrane compartments and promotes exocytosis and seeding of α -synuclein pathology. *Cell reports*, 35(6), 109099.

Xiong M, et al. (2021) Human Stem Cell-Derived Neurons Repair Circuits and Restore Neural Function. *Cell stem cell*, 28(1), 112.

Brekke OR, et al. (2020) Upregulating α -hexosaminidase activity in rodents prevents α -synuclein lipid associations and protects dopaminergic neurons from α -synuclein-mediated neurotoxicity. *Acta neuropathologica communications*, 8(1), 127.

Cohen MA, et al. (2020) Formation of Human Neuroblastoma in Mouse-Human Neural Crest Chimeras. *Cell stem cell*, 26(4), 579.

Toledo EM, et al. (2020) *Srebf1* Controls Midbrain Dopaminergic Neurogenesis. *Cell reports*, 31(5), 107601.