

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

PC-12 Adh

RRID:CVCL_F659

Type: Cell Line

Proper Citation

RRID:CVCL_F659

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_F659

Proper Citation: RRID:CVCL_F659

Description: Cell line PC-12 Adh is a Cancer cell line with a species of origin Rattus norvegicus (Rat)

Sex: Male

Disease: Rat adrenal gland pheochromocytoma

Comments: Characteristics: Adherent subline of PC12.

Category: Cancer cell line

Organism: Rattus norvegicus (Rat)

Name: PC-12 Adh

Synonyms: PC-12 ADH, PC-12Adh, PC-12 Adherent

Cross References: AddexBio:C0032002/4998, ATCC:CRL-1721.1, BCRJ:0202, Wikidata:Q54938389

ID: CVCL_F659

Hierarchy: cvcl_0481

Record Creation Time: 20220427T221413+0000

Record Last Update: 20260905T182028+0000

Ratings and Alerts

No rating or validation information has been found for PC-12 Adh.

No alerts have been found for PC-12 Adh.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

García-Vioque V, et al. (2026) Functional profiling of somatostatin receptors identifies somatostatin receptor subtype 2 as a vulnerability in Succinate Dehydrogenase SDHB-deficient pheochromocytomas and paragangliomas. *Molecular biomedicine*, 7(1).

Mele A, et al. (2026) Protein disulfide isomerase dissolves and detoxifies oligomeric assemblies of amyloid beta peptide. *FEBS letters*, 600(14), 2038.

Tang Y, et al. (2024) Sports training improves motor function after spinal cord injury by regulating microtubule dynamics. *Biochimica et biophysica acta. Molecular basis of disease*, 1871(3), 167587.

Tang Y, et al. (2024) Activation of autophagy by Citri Reticulatae Semen extract ameliorates amyloid-beta-induced cell death and cognition deficits in Alzheimer's disease. *Neural regeneration research*, 19(11), 2467.

Yang Y, et al. (2023) Cyclophilin D-induced mitochondrial impairment confers axonal injury after intracerebral hemorrhage in mice. *Neural regeneration research*, 18(4), 849.

Ding BY, et al. (2023) Knockdown of NADPH oxidase 4 reduces mitochondrial oxidative stress and neuronal pyroptosis following intracerebral hemorrhage. *Neural regeneration research*, 18(8), 1734.

Zhang Q, et al. (2023) Intermittent hypoxia-induced enhancement of sociability and working memory associates with CNTNAP2 upregulation. *Frontiers in molecular neuroscience*, 16, 1155047.

Zhang Q, et al. (2023) CNTNAP2 Protein Is Degraded by the Ubiquitin-Proteasome System and the Macroautophagy-Lysosome Pathway. *Molecular neurobiology*, 60(5), 2455.

Wei C, et al. (2022) Network pharmacology identify intersection genes of quercetin and Alzheimer's disease as potential therapeutic targets. *Frontiers in aging neuroscience*, 14, 902092.

Guzmán-Salas S, et al. (2022) The metabolite p-cresol impairs dendritic development, synaptogenesis, and synapse function in hippocampal neurons: Implications for autism

spectrum disorder. *Journal of neurochemistry*, 161(4), 335.

Liu Y, et al. (2022) Phosphoinositide-3-kinase regulatory subunit 4 participates in the occurrence and development of amyotrophic lateral sclerosis by regulating autophagy. *Neural regeneration research*, 17(7), 1609.

Costa AR, et al. (2020) The membrane periodic skeleton is an actomyosin network that regulates axonal diameter and conduction. *eLife*, 9.

Duong P, et al. (2020) Neuroprotective and neurotoxic outcomes of androgens and estrogens in an oxidative stress environment. *Biology of sex differences*, 11(1), 12.

Rigby MJ, et al. (2020) The endoplasmic reticulum acetyltransferases ATase1/NAT8B and ATase2/NAT8 are differentially regulated to adjust engagement of the secretory pathway. *Journal of neurochemistry*, 154(4), 404.

Wojnacki J, et al. (2020) Role of VAMP7-Dependent Secretion of Reticulon 3 in Neurite Growth. *Cell reports*, 33(12), 108536.

Zeitler S, et al. (2019) Acid sphingomyelinase - a regulator of canonical transient receptor potential channel 6 (TRPC6) activity. *Journal of neurochemistry*, 150(6), 678.

da Rocha GHO, et al. (2019) Control of expression and activity of peroxisome proliferated-activated receptor γ by Annexin A1 on microglia during efferocytosis. *Cell biochemistry and function*, 37(7), 560.

Han H, et al. (2019) Small-Molecule MYC Inhibitors Suppress Tumor Growth and Enhance Immunotherapy. *Cancer cell*, 36(5), 483.

Mehta NJ, et al. (2016) Hypochlorite converts cysteinyl-dopamine into a cytotoxic product: A possible factor in Parkinson's Disease. *Free radical biology & medicine*, 101, 44.