

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Apr 10, 2025

AQP4 Antibody (H-80)

RRID:AB_2274338

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-20812, RRID:AB_2274338)

Antibody Information

URL: http://antibodyregistry.org/AB_2274338

Proper Citation: (Santa Cruz Biotechnology Cat# sc-20812, RRID:AB_2274338)

Target Antigen: AQP4

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; Applications: WB, IP, IF, IHC(P), ELISA

Antibody Name: AQP4 Antibody (H-80)

Description: This polyclonal targets AQP4

Target Organism: rat, mouse, human

Antibody ID: AB_2274338

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-20812

Record Creation Time: 20241016T220342+0000

Record Last Update: 20241016T220730+0000

Ratings and Alerts

No rating or validation information has been found for AQP4 Antibody (H-80).

Warning: Discontinued: 2016

Discontinued: 2016; Applications: WB, IP, IF, IHC(P), ELISA

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Cuautle DG, et al. (2024) Pathological remodeling of reactive astrocytes: Involvement of DNA methylation and downregulation of homeostatic genes. *Journal of neurochemistry*, 168(9), 2935.

Nishimura Y, et al. (2023) Early and extensive alterations of glial connexins, distal oligodendroglipathy type demyelination, and nodal/paranodal pathology are characteristic of multiple system atrophy. *Brain pathology (Zurich, Switzerland)*, 33(3), e13131.

Cieri MB, et al. (2023) Progression of reactive gliosis and astroglial phenotypic changes following stab wound-induced traumatic brain injury in mice. *Journal of neurochemistry*, 167(2), 183.

Faiq MA, et al. (2023) Ocular manifestations of central insulin resistance. *Neural regeneration research*, 18(5), 1139.

Simone L, et al. (2022) AQP4-dependent glioma cell features affect the phenotype of surrounding cells via extracellular vesicles. *Cell & bioscience*, 12(1), 150.

Russ K, et al. (2021) TNF- α and α -synuclein fibrils differently regulate human astrocyte immune reactivity and impair mitochondrial respiration. *Cell reports*, 34(12), 108895.

Sabelström H, et al. (2019) Driving Neuronal Differentiation through Reversal of an ERK1/2-miR-124-SOX9 Axis Abrogates Glioblastoma Aggressiveness. *Cell reports*, 28(8), 2064.

Tiwari N, et al. (2018) Stage-Specific Transcription Factors Drive Astroglial Differentiation by Remodeling Gene Regulatory Landscapes. *Cell stem cell*, 23(4), 557.

Grupp L, et al. (2010) Astroglial structures in the zebrafish brain. *The Journal of comparative neurology*, 518(21), 4277.