

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

Anti-Aquaporin 4

RRID:AB_2802156

Type: Antibody

Proper Citation

Synaptic Systems Cat# 429 004, RRID:AB_2802156

Antibody Information

URL: http://antibodyregistry.org/AB_2802156

Proper Citation: Synaptic Systems Cat# 429 004, RRID:AB_2802156

Target Antigen: Aquaporin 4

Host Organism: guinea pig

Clonality: polyclonal

Comments: Applications: WB, ICC, IHC, IHC-P (FFPE)

Antibody Name: Anti-Aquaporin 4

Description: This polyclonal targets Aquaporin 4

Target Organism: rat, mouse

Antibody ID: AB_2802156

Vendor: Synaptic Systems

Catalog Number: 429 004

Record Creation Time: 20250820T020800+0000

Record Last Update: 20250820T124631+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Aquaporin 4.

No alerts have been found for Anti-Aquaporin 4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Pósfai B, et al. (2026) P2Y12 Receptor Function Governs Microglial Surveillance and Cell-Cell Interactions in the Cerebral Cortex. *Glia*, 74(2), e70109.

Dias L, et al. (2026) Adenosine A2A Receptors Control the Mis-Localization of Aquaporin-4 in Rats Subject to Repeated Restraint Stress. *Journal of neurochemistry*, 170(4), e70450.

Dias L, et al. (2025) Impact of Glucocorticoid-Associated Stress-Like Conditions on Aquaporin-4 in Cultured Astrocytes and Its Modulation by Adenosine A2A Receptors. *Journal of neurochemistry*, 169(1), e16299.

Sobierajski E, et al. (2024) Vascular Development of Fetal and Postnatal Neocortex of the Pig, the European Wild Boar *Sus scrofa*. *The Journal of comparative neurology*, 532(12), e70011.

Morris GP, et al. (2023) Microglia directly associate with pericytes in the central nervous system. *Glia*.

Beckman D, et al. (2022) SARS-CoV-2 infects neurons and induces neuroinflammation in a non-human primate model of COVID-19. *Cell reports*, 41(5), 111573.