Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 2, 2025

GFAP (D1F4Q) XP® Rabbit mAb

RRID:AB_2631098
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 12389, RRID:AB_2631098)

Antibody Information

URL: http://antibodyregistry.org/AB_2631098

Proper Citation: (Cell Signaling Technology Cat# 12389, RRID:AB_2631098)

Target Antigen: GFAP (glial fibrillary acidic protein)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-F

Antibody Name: GFAP (D1F4Q) XP® Rabbit mAb

Description: This monoclonal targets GFAP (glial fibrillary acidic protein)

Target Organism: rat, mouse, human

Clone ID: D1F4Q

Antibody ID: AB_2631098

Vendor: Cell Signaling Technology

Catalog Number: 12389

Record Creation Time: 20231110T034734+0000

Record Last Update: 20240725T095242+0000

Ratings and Alerts

No rating or validation information has been found for GFAP (D1F4Q) XP® Rabbit mAb.

No alerts have been found for GFAP (D1F4Q) XP® Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 50 mentions in open access literature.

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

Lin NH, et al. (2024) Glial fibrillary acidic protein is pathologically modified in Alexander disease. The Journal of biological chemistry, 300(7), 107402.

Xie Y, et al. (2024) Transforming growth factor-?1 protects against white matter injury and reactive astrogliosis via the p38 MAPK pathway in rodent demyelinating model. Journal of neurochemistry, 168(2), 83.

Fabiano M, et al. (2024) Presenilin Deficiency Results in Cellular Cholesterol Accumulation by Impairment of Protein Glycosylation and NPC1 Function. International journal of molecular sciences, 25(10).

Song Y, et al. (2024) Astrocyte-derived CHI3L1 signaling impairs neurogenesis and cognition in the demyelinated hippocampus. Cell reports, 43(5), 114226.

Ma Y, et al. (2024) Mild hypothermia promotes neuronal differentiation of human neural stem cells via RBM3-SOX11 signaling pathway. iScience, 27(4), 109435.

Ushida K, et al. (2024) Menaquinone-4 Alleviates Neurological Deficits Associated with Intracerebral Hemorrhage by Preserving Corticospinal Tract in Mice. Neurochemical research, 49(7), 1838.

Kandpal M, et al. (2024) Gut-brain axis interplay via STAT3 pathway: Implications of Helicobacter pylori derived secretome on inflammation and Alzheimer's disease. Virulence, 15(1), 2303853.

He P, et al. (2024) FGF9 is required for Purkinje cell development and function in the cerebellum. iScience, 27(2), 109039.

Chen L, et al. (2023) ANGPTL2 binds MAG to efficiently enhance oligodendrocyte differentiation. Cell & bioscience, 13(1), 42.

Khazaei S, et al. (2023) Single substitution in H3.3G34 alters DNMT3A recruitment to cause progressive neurodegeneration. Cell, 186(6), 1162.

Chen Y, et al. (2023) Inhibition of mGluR5/PI3K-AKT Pathway Alleviates Alzheimer's Disease-Like Pathology Through the Activation of Autophagy in 5XFAD Mice. Journal of Alzheimer's disease : JAD, 91(3), 1197.

Zheng X, et al. (2023) Preclinical long-term safety of intraspinal transplantation of human dorsal spinal GABA neural progenitor cells. iScience, 26(11), 108306.

Askvig JM, et al. (2023) Axotomy results in an increase in Thy-1 protein in the 35-day-old rat supraoptic nucleus. Experimental brain research, 241(3), 851.

Chang E, et al. (2023) General anesthetic action profile on the human prefrontal cortex cells through comprehensive single-cell RNA-seq analysis. iScience, 26(4), 106534.

Vanova T, et al. (2023) Cerebral organoids derived from patients with Alzheimer's disease with PSEN1/2 mutations have defective tissue patterning and altered development. Cell reports, 42(11), 113310.

Jiang J, et al. (2023) Ketogenic diet alleviates cognitive dysfunction and neuroinflammation in APP/PS1 mice via the Nrf2/HO-1 and NF-?B signaling pathways. Neural regeneration research, 18(12), 2767.

Lahiri A, et al. (2023) Astrocytic deletion of protein kinase R-like ER kinase (PERK) does not affect learning and memory in aged mice but worsens outcome from experimental stroke. Journal of neuroscience research, 101(10), 1586.

Gutiérrez-Castañeda NE, et al. (2023) Taurine Promotes Differentiation and Maturation of Neural Stem/Progenitor Cells from the Subventricular Zone via Activation of GABAA Receptors. Neurochemical research, 48(7), 2206.

Knaus LS, et al. (2023) Large neutral amino acid levels tune perinatal neuronal excitability and survival. Cell, 186(9), 1950.

Thompson A, et al. (2023) Brain-wide circuit-specific targeting of astrocytes. Cell reports methods, 3(12), 100653.