

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

EAAT2 Antibody

RRID:AB_2190743

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3838, RRID:AB_2190743

Antibody Information

URL: http://antibodyregistry.org/AB_2190743

Proper Citation: Cell Signaling Technology Cat# 3838, RRID:AB_2190743

Target Antigen: Slc1a2

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IF-F

Antibody Name: EAAT2 Antibody

Description: This polyclonal targets Slc1a2

Target Organism: rat, mouse, human

Antibody ID: AB_2190743

Vendor: Cell Signaling Technology

Catalog Number: 3838

Record Creation Time: 20250820T004810+0000

Record Last Update: 20250820T091426+0000

Ratings and Alerts

No rating or validation information has been found for EAAT2 Antibody.

No alerts have been found for EAAT2 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Cao J, et al. (2024) Ruxolitinib improves the inflammatory microenvironment, restores glutamate homeostasis, and promotes functional recovery after spinal cord injury. *Neural regeneration research*, 19(11), 2499.

Centonze E, et al. (2023) Neuron-restrictive silencer factor/repressor element 1-silencing transcription factor (NRSF/REST) controls spatial K⁺ buffering in primary cortical astrocytes. *Journal of neurochemistry*.

Li Puma DD, et al. (2022) Extracellular tau oligomers affect extracellular glutamate handling by astrocytes through downregulation of GLT-1 expression and impairment of NKA1A2 function. *Neuropathology and applied neurobiology*, 48(5), e12811.

Voss TD, et al. (2021) Ubiquitination and the proteasome rather than caspase-3-mediated C-terminal cleavage are involved in the EAAT2 degradation by staurosporine-induced cellular stress. *Journal of neurochemistry*, 157(4), 1284.

McCauley JP, et al. (2020) Circadian Modulation of Neurons and Astrocytes Controls Synaptic Plasticity in Hippocampal Area CA1. *Cell reports*, 33(2), 108255.

Zhou X, et al. (2020) Up-regulation of astrocyte excitatory amino acid transporter 2 alleviates central sensitization in a rat model of chronic migraine. *Journal of neurochemistry*, 155(4), 370.

Urbanska M, et al. (2019) GSK3 β activity alleviates epileptogenesis and limits GluA1 phosphorylation. *EBioMedicine*, 39, 377.

Bellini S, et al. (2018) Neuronal Glutamate Transporters Control Dopaminergic Signaling and Compulsive Behaviors. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(4), 937.