Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

Rabbit Anti-Glutamate Receptor 1 (AMPA subtype), phospho (Ser845) Monoclonal Antibody, Unconjugated, Clone EPR2148

RRID:AB_1523688
Type: Antibody

Proper Citation

(Abcam Cat# ab76321, RRID:AB_1523688)

Antibody Information

URL: http://antibodyregistry.org/AB_1523688

Proper Citation: (Abcam Cat# ab76321, RRID:AB_1523688)

Target Antigen: Glutamate Receptor 1 (AMPA subtype) (phospho S845)

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; Western Blot

Antibody Name: Rabbit Anti-Glutamate Receptor 1 (AMPA subtype), phospho (Ser845) Monoclonal Antibody, Unconjugated, Clone EPR2148

Description: This monoclonal targets Glutamate Receptor 1 (AMPA subtype) (phospho S845)

Target Organism: rat, mouse, human

Clone ID: Clone EPR2148

Antibody ID: AB_1523688

Vendor: Abcam

Catalog Number: ab76321

Record Creation Time: 20231110T053104+0000

Record Last Update: 20241115T082704+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Glutamate Receptor 1 (AMPA subtype), phospho (Ser845) Monoclonal Antibody, Unconjugated, Clone EPR2148.

No alerts have been found for Rabbit Anti-Glutamate Receptor 1 (AMPA subtype), phospho (Ser845) Monoclonal Antibody, Unconjugated, Clone EPR2148.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Ji E, et al. (2024) The Chemokine CCL2 Promotes Excitatory Synaptic Transmission in Hippocampal Neurons via GluA1 Subunit Trafficking. Neuroscience bulletin.

Carvalho-Rosa JD, et al. (2023) Epileptiform activity influences theta-burst induced LTP in the adult hippocampus: a role for synaptic lipid raft disruption in early metaplasticity? Frontiers in cellular neuroscience, 17, 1117697.

Tsuboi D, et al. (2022) Dopamine drives neuronal excitability via KCNQ channel phosphorylation for reward behavior. Cell reports, 40(10), 111309.

Serpa A, et al. (2022) Opposing reduced VPAC1 and enhanced VPAC2 VIP receptors in the hippocampus of the Li2+-pilocarpine rat model of temporal lobe epilepsy. Neurochemistry international, 158, 105383.

Zhan JQ, et al. (2021) Flavonoid fisetin reverses impaired hippocampal synaptic plasticity and cognitive function by regulating the function of AMPARs in a male rat model of schizophrenia. Journal of neurochemistry, 158(2), 413.

Zhang K, et al. (2019) CB1 agonism prolongs therapeutic window for hormone replacement in ovariectomized mice. The Journal of clinical investigation, 129(6), 2333.

Liu J, et al. (2017) Enhanced AMPA Receptor Trafficking Mediates the Anorexigenic Effect of Endogenous Glucagon-like Peptide-1 in the Paraventricular Hypothalamus. Neuron, 96(4),

897.