Resource Summary Report

Generated by RRID on Aug 9, 2026

Anti-Ionotropic Glutamate receptor 2 antibody [EPR5032] (ab133477)

RRID:AB_2620181
Type: Antibody

Proper Citation

Abcam Cat# ab133477, RRID:AB_2620181

Antibody Information

URL: http://antibodyregistry.org/AB_2620181

Proper Citation: Abcam Cat# ab133477, RRID:AB_2620181

Host Organism: rabbit

Clonality: monoclonal

Antibody Name: Anti-Ionotropic Glutamate receptor 2 antibody [EPR5032] (ab133477)

Description: This monoclonal targets

Target Organism: rat, mouse, human

Clone ID: EPR5032

Antibody ID: AB_2620181

Vendor: Abcam

Catalog Number: ab133477

Record Creation Time: 20250819T231135+0000

Record Last Update: 20250820T043504+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Ionotropic Glutamate receptor 2 antibody [EPR5032] (ab133477).

No alerts have been found for Anti-Ionotropic Glutamate receptor 2 antibody [EPR5032] (ab133477).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Xiong S, et al. (2026) BEST1-mediated tonic excitation facilitates anxiety-like behaviors in a mouse model of chronic neuropathic pain. Cell reports, 45(4), 117229.

Brzozowski CF, et al. (2025) Early ??-synuclein aggregation decreases corticostriatal glutamate drive and synapse density. Neurobiology of disease, 210, 106918.

Pan YD, et al. (2024) Intermittent Hypobaric Hypoxia Ameliorates Autistic-Like Phenotypes in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(7).

Wang YZ, et al. (2024) Neuron type-specific proteomics reveals distinct Shank3 proteoforms in iSPNs and dSPNs lead to striatal synaptopathy in Shank3B-/- mice. Molecular psychiatry.

Zhao Y, et al. (2024) Gut Microbiota-Metabolite-Brain Axis Reconstitution Reverses Sevoflurane-Induced Social and Synaptic Deficits in Neonatal Mice. Research (Washington, D.C.), 7, 0482.

Zhu D, et al. (2024) Overabundant endocannabinoids in neurons are detrimental to cognitive function. bioRxiv : the preprint server for biology.

Chen ZJ, et al. (2023) Enhanced AMPAR-dependent synaptic transmission by S-nitrosylation in the vmPFC contributes to chronic inflammatory pain-induced persistent anxiety in mice. Acta pharmacologica Sinica, 44(5), 954.

Lu H, et al. (2023) Synaptotagmin-3 interactions with GluA2 mediate brain damage and impair functional recovery in stroke. Cell reports, 42(3), 112233.

Liu H, et al. (2021) Valproic Acid Induces Autism-Like Synaptic and Behavioral Deficits by Disrupting Histone Acetylation of Prefrontal Cortex ALDH1A1 in Rats. Frontiers in neuroscience, 15, 641284.

Rodrigues DC, et al. (2020) Shifts in Ribosome Engagement Impact Key Gene Sets in Neurodevelopment and Ubiquitination in Rett Syndrome. Cell reports, 30(12), 4179.

Santa-Marinha L, et al. (2020) Phospholipase D1 Ablation Disrupts Mouse Longitudinal Hippocampal Axis Organization and Functioning. Cell reports, 30(12), 4197.

Gobert D, et al. (2020) TORC1 selectively regulates synaptic maturation and input convergence in the developing visual system. Developmental neurobiology, 80(9-10), 332.

Zhang W, et al. (2019) Arc Oligomerization Is Regulated by CaMKII Phosphorylation of the GAG Domain: An Essential Mechanism for Plasticity and Memory Formation. Molecular cell, 75(1), 13.

Tan C, et al. (2019) Endothelium-Derived Semaphorin 3G Regulates Hippocampal Synaptic Structure and Plasticity via Neuropilin-2/PlexinA4. Neuron, 101(5), 920.

Qin XH, et al. (2019) Liver Soluble Epoxide Hydrolase Regulates Behavioral and Cellular Effects of Chronic Stress. Cell reports, 29(10), 3223.

Glasgow SD, et al. (2018) Activity-Dependent Netrin-1 Secretion Drives Synaptic Insertion of GluA1-Containing AMPA Receptors in the Hippocampus. Cell reports, 25(1), 168.