

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

Anti-Glutamate Decarboxylase 65 & 67

RRID:AB_90715

Type: Antibody

Proper Citation

Millipore Cat# AB1511, RRID:AB_90715

Antibody Information

URL: http://antibodyregistry.org/AB_90715

Proper Citation: Millipore Cat# AB1511, RRID:AB_90715

Target Antigen: Glutamate Decarboxylase 65 & 67

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: Western Blot; Immunohistochemistry; IH, WB

Antibody Name: Anti-Glutamate Decarboxylase 65 & 67

Description: This polyclonal targets Glutamate Decarboxylase 65 & 67

Target Organism: h, m, r, fe

Antibody ID: AB_90715

Vendor: Millipore

Catalog Number: AB1511

Record Creation Time: 20231110T055815+0000

Record Last Update: 20260831T182620+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Glutamate Decarboxylase 65 & 67.

No alerts have been found for Anti-Glutamate Decarboxylase 65 & 67.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Targa G, et al. (2025) Altered GABAergic Homeostasis in the Striatum of Dopamine Transporter Knockout Rats. *Current neuropharmacology*, 23(11), 1470.

Ni RJ, et al. (2025) Behavioral, cellular, and molecular changes in two animal models of bipolar disorder mania: sleep deprivation-induced mice and Clock-mutant mice. *Cerebral cortex (New York, N.Y. : 1991)*, 35(5).

Mayadali ÜS, et al. (2025) Transmitter and ion channel profiles of saccadic omnipause neurons and cholinergic non-omnipause neurons in human nucleus raphe interpositus. *Frontiers in neuroanatomy*, 19, 1670220.

Hirayama M, et al. (2024) Neuronal reprogramming of mouse and human fibroblasts using transcription factors involved in suprachiasmatic nucleus development. *iScience*, 27(3), 109051.

Qi Y, et al. (2022) Paradoxical effects of posterior intralaminar thalamic calretinin neurons on hippocampal seizure via distinct downstream circuits. *iScience*, 25(5), 104218.

Xie S, et al. (2021) PUPIL enables mapping and stamping of transient electrical connectivity in developing nervous systems. *Cell reports*, 37(3), 109853.

Saucisse N, et al. (2021) Functional heterogeneity of POMC neurons relies on mTORC1 signaling. *Cell reports*, 37(2), 109800.

Seo DO, et al. (2021) A locus coeruleus to dentate gyrus noradrenergic circuit modulates aversive contextual processing. *Neuron*, 109(13), 2116.

Correia Rocha IR, et al. (2021) Modulatory effects of photobiomodulation in the anterior cingulate cortex of diabetic rats. *Photochemical & photobiological sciences : Official journal of the European Photochemistry Association and the European Society for Photobiology*, 20(6), 781.

Özcan OO, et al. (2020) Differential Coding Strategies in Glutamatergic and GABAergic Neurons in the Medial Cerebellar Nucleus. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(1), 159.

Heo JY, et al. (2020) Aberrant Tonic Inhibition of Dopaminergic Neuronal Activity Causes Motor Symptoms in Animal Models of Parkinson's Disease. *Current biology : CB*, 30(2), 276.

Kwak H, et al. (2020) Astrocytes Control Sensory Acuity via Tonic Inhibition in the Thalamus. *Neuron*, 108(4), 691.

Zhang K, et al. (2020) Imbalance of Excitatory/Inhibitory Neuron Differentiation in Neurodevelopmental Disorders with an NR2F1 Point Mutation. *Cell reports*, 31(3), 107521.

Sato M, et al. (2020) Distinct Mechanisms of Over-Representation of Landmarks and Rewards in the Hippocampus. *Cell reports*, 32(1), 107864.

Xu R, et al. (2019) OLIG2 Drives Abnormal Neurodevelopmental Phenotypes in Human iPSC-Based Organoid and Chimeric Mouse Models of Down Syndrome. *Cell stem cell*, 24(6), 908.

Li X, et al. (2019) Presynaptic Endosomal Cathepsin D Regulates the Biogenesis of GABAergic Synaptic Vesicles. *Cell reports*, 28(4), 1015.

Sato Y, et al. (2019) Comparative gene expression analysis of the engulfment and cell motility (ELMO) protein family in the mouse brain. *Gene expression patterns : GEP*, 34, 119070.

Sabbagh U, et al. (2018) Distribution and development of molecularly distinct perineuronal nets in visual thalamus. *Journal of neurochemistry*, 147(5), 626.

Zikopoulos B, et al. (2017) Posterior Orbitofrontal and Anterior Cingulate Pathways to the Amygdala Target Inhibitory and Excitatory Systems with Opposite Functions. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(20), 5051.

Fatemi SH, et al. (2017) The effects of prenatal H1N1 infection at E16 on FMRP, glutamate, GABA, and reelin signaling systems in developing murine cerebellum. *Journal of neuroscience research*, 95(5), 1110.