

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 4, 2026

Anti-GABA A Receptor beta 2,3 Chain, extracellular domain of the beta2 & beta3 subunits of the GABAA receptor., clone BD17

RRID:AB_2109419

Type: Antibody

Proper Citation

Millipore Cat# MAB341, RRID:AB_2109419

Antibody Information

URL: http://antibodyregistry.org/AB_2109419

Proper Citation: Millipore Cat# MAB341, RRID:AB_2109419

Target Antigen: GABRB1

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: western blot, immunoprecipitation, immunohistochemistry

Antibody Name: Anti-GABA A Receptor beta 2,3 Chain, extracellular domain of the beta2 & beta3 subunits of the GABAA receptor., clone BD17

Description: This monoclonal targets GABRB1

Target Organism: cow

Antibody ID: AB_2109419

Vendor: Millipore

Catalog Number: MAB341

Record Creation Time: 20231110T050426+0000

Record Last Update: 20260831T221219+0000

Ratings and Alerts

No rating or validation information has been found for Anti-GABA A Receptor beta 2,3 Chain, extracellular domain of the beta2 & beta3 subunits of the GABAA receptor., clone BD17.

No alerts have been found for Anti-GABA A Receptor beta 2,3 Chain, extracellular domain of the beta2 & beta3 subunits of the GABAA receptor., clone BD17.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Kawase M, et al. (2026) Phospholipid flippases ATP8A1 and ATP8A2 regulate GABAA receptor trafficking through distinct mechanisms in hippocampal neurons. *iScience*, 29(7), 116626.

Wang G, et al. (2024) The TMEM132B-GABAA receptor complex controls alcohol actions in the brain. *Cell*, 187(23), 6649.

Haddad S, et al. (2024) A biallelic mutation in CACNA2D2 associated with developmental and epileptic encephalopathy affects calcium channel-dependent as well as synaptic functions of $\text{Ca}_v2.2$. *Journal of neurochemistry*.

Oh H, et al. (2023) Kv7/KCNQ potassium channels in cortical hyperexcitability and juvenile seizure-related death in Ank2-mutant mice. *Nature communications*, 14(1), 3547.

Safari MS, et al. (2021) PKN1 Is a Novel Regulator of Hippocampal GluA1 Levels. *Frontiers in synaptic neuroscience*, 13, 640495.

Fang H, et al. (2021) An optimized CRISPR/Cas9 approach for precise genome editing in neurons. *eLife*, 10.

Geisler S, et al. (2019) Presynaptic $\text{Ca}_v2.2$ Calcium Channel Subunits Regulate Postsynaptic GABAA Receptor Abundance and Axonal Wiring. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(14), 2581.

Heisler FF, et al. (2018) Muskeln Coordinates PrPC Lysosome versus Exosome Targeting and Impacts Prion Disease Progression. *Neuron*, 99(6), 1155.

Stefanits H, et al. (2018) GABAA receptor subunits in the human amygdala and hippocampus: Immunohistochemical distribution of 7 subunits. *The Journal of comparative neurology*, 526(2), 324.

Del Cid-Pellitero E, et al. (2017) Homeostatic Changes in GABA and Glutamate Receptors on Excitatory Cortical Neurons during Sleep Deprivation and Recovery. *Frontiers in*

systems neuroscience, 11, 17.

Li J, et al. (2017) Artemisinins Target GABAA Receptor Signaling and Impair ? Cell Identity. *Cell*, 168(1-2), 86.

Chaffiol A, et al. (2017) Dopamine Regulation of GABAA Receptors Contributes to Light/Dark Modulation of the ON-Cone Bipolar Cell Receptive Field Surround in the Retina. *Current biology : CB*, 27(17), 2600.

Toossi H, et al. (2017) Homeostatic Changes in GABA and Acetylcholine Muscarinic Receptors on GABAergic Neurons in the Mesencephalic Reticular Formation following Sleep Deprivation. *eNeuro*, 4(6).

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.

Toossi H, et al. (2017) Homeostatic regulation through GABA and acetylcholine muscarinic receptors of motor trigeminal neurons following sleep deprivation. *Brain structure & function*, 222(7), 3163.

Niederleitner B, et al. (2017) A novel relay nucleus between the inferior colliculus and the optic tectum in the chicken (*Gallus gallus*). *The Journal of comparative neurology*, 525(3), 513.

Toossi H, et al. (2016) GABA Receptors on Orexin and Melanin-Concentrating Hormone Neurons Are Differentially Homeostatically Regulated Following Sleep Deprivation. *eNeuro*, 3(3).

Almeida-Suhett CP, et al. (2015) GABAergic interneuronal loss and reduced inhibitory synaptic transmission in the hippocampal CA1 region after mild traumatic brain injury. *Experimental neurology*, 273, 11.

Dejanovic B, et al. (2014) Neuronal nitric oxide synthase-dependent S-nitrosylation of gephyrin regulates gephyrin clustering at GABAergic synapses. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(23), 7763.

Ohkawa T, et al. (2014) Identification and characterization of GABA(A) receptor autoantibodies in autoimmune encephalitis. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(24), 8151.