Resource Summary Report

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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: 20241115T072307+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 19 mentions in open access literature.

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

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 ?2?-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 ?2?-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) Muskelin 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.

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.

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.

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

Kadam PD, et al. (2016) Erratum to: Rectocutaneous fistula with transmigration of the suture: a rare delayed complication of vault fixation with the sacrospinous ligament. International urogynecology journal, 27(3), 505.

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.