Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 29, 2025

Anti-GABA-A-R, Beta3 Antibody

RRID:AB_2109585
Type: Antibody

Proper Citation

(Antibodies Incorporated Cat# 75-149, RRID:AB_2109585)

Antibody Information

URL: http://antibodyregistry.org/AB_2109585

Proper Citation: (Antibodies Incorporated Cat# 75-149, RRID:AB_2109585)

Target Antigen: GABA(A)R, Beta3

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IB, ICC, IHC, WB
Validation status: IF or IB (Pass), IB in brain (Pass), IHC in brain (Pass), KO (ND)
This clone is associated with these products: purified (Antibodies Incorporated, Cat# 75-149, RRID:AB_2109585), supernatant (Antibodies Incorporated, Cat# 73-149, RRID:AB_10673389), hybridoma (UC Davis/NIH NeuroMab Facility, Cat# N87/25, RRID:AB_2877372)

Antibody Name: Anti-GABA-A-R, Beta3 Antibody

Description: This monoclonal targets GABA(A)R, Beta3

Target Organism: mouse, human

Clone ID: N87/25

Antibody ID: AB_2109585

Vendor: Antibodies Incorporated

Catalog Number: 75-149

Record Creation Time: 20231110T070432+0000

Record Last Update: 20241115T094558+0000

Ratings and Alerts

No rating or validation information has been found for Anti-GABA-A-R, Beta3 Antibody.

No alerts have been found for Anti-GABA-A-R, Beta3 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Bundy J, et al. (2024) GABA Type A receptors expressed in triple negative breast cancer cells mediate chloride ion flux. Frontiers in pharmacology, 15, 1449256.

Yang X, et al. (2021) Differential regulation of glycinergic and GABAergic nanocolumns at mixed inhibitory synapses. EMBO reports, 22(7), e52154.

Rudolph S, et al. (2020) Cerebellum-Specific Deletion of the GABAA Receptor ? Subunit Leads to Sex-Specific Disruption of Behavior. Cell reports, 33(5), 108338.

Nathanson AJ, et al. (2019) Identification of a Core Amino Acid Motif within the ? Subunit of GABAARs that Promotes Inhibitory Synaptogenesis and Resilience to Seizures. Cell reports, 28(3), 670.

Smith KR, et al. (2017) Cadherin-10 Maintains Excitatory/Inhibitory Ratio through Interactions with Synaptic Proteins. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(46), 11127.

Kerti-Szigeti K, et al. (2016) Similar GABAA receptor subunit composition in somatic and axon initial segment synapses of hippocampal pyramidal cells. eLife, 5.

Alicea B, et al. (2013) Defining the diversity of phenotypic respecification using multiple cell lines and reprogramming regimens. Stem cells and development, 22(19), 2641.

Zhou C, et al. (2013) Altered cortical GABAA receptor composition, physiology, and

endocytosis in a mouse model of a human genetic absence epilepsy syndrome. The Journal of biological chemistry, 288(29), 21458.

Han K, et al. (2013) SHANK3 overexpression causes manic-like behaviour with unique pharmacogenetic properties. Nature, 503(7474), 72.

Gurba KN, et al. (2012) GABRB3 mutation, G32R, associated with childhood absence epilepsy alters ?1?3?2L ?-aminobutyric acid type A (GABAA) receptor expression and channel gating. The Journal of biological chemistry, 287(15), 12083.

Yanovsky Y, et al. (2012) GABAA receptors involved in sleep and anaesthesia: ?1- versus ?3-containing assemblies. Pflugers Archiv : European journal of physiology, 463(1), 187.

Eyre MD, et al. (2012) Setting the time course of inhibitory synaptic currents by mixing multiple GABA(A) receptor ? subunit isoforms. The Journal of neuroscience : the official journal of the Society for Neuroscience, 32(17), 5853.

Mendu SK, et al. (2012) Different subtypes of GABA-A receptors are expressed in human, mouse and rat T lymphocytes. PloS one, 7(8), e42959.

Fuks JM, et al. (2012) GABAergic signaling is linked to a hypermigratory phenotype in dendritic cells infected by Toxoplasma gondii. PLoS pathogens, 8(12), e1003051.

Jo YH, et al. (2011) Cross-talk between P2X4 and gamma-aminobutyric acid, type A receptors determines synaptic efficacy at a central synapse. The Journal of biological chemistry, 286(22), 19993.

Adusei DC, et al. (2010) Early developmental alterations in GABAergic protein expression in fragile X knockout mice. Neuropharmacology, 59(3), 167.

Arancibia-Cárcamo IL, et al. (2009) Ubiquitin-dependent lysosomal targeting of GABA(A) receptors regulates neuronal inhibition. Proceedings of the National Academy of Sciences of the United States of America, 106(41), 17552.