

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

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: 20250820T034433+0000

Record Last Update: 20250820T170407+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 9 mentions in open access literature.

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

Sobierajski E, et al. (2025) Expression of synaptic proteins and development of dendritic spines in fetal and postnatal neocortex of the pig, the European wild boar *Sus scrofa*. *Brain structure & function*, 230(2), 38.

Bundy J, et al. (2024) Role of $\gamma 3$ subunit of the GABA type A receptor in triple negative breast cancer proliferation, migration, and cell cycle progression. *Cell cycle (Georgetown, Tex.)*, 23(4), 448.

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.

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

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 γ 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 γ 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.