

Resource Summary Report

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Anti-GABA-A receptor alpha1

RRID:AB_2232180

Type: Antibody

Proper Citation

(Synaptic Systems Cat# 224 203, RRID:AB_2232180)

Antibody Information

URL: http://antibodyregistry.org/AB_2232180

Proper Citation: (Synaptic Systems Cat# 224 203, RRID:AB_2232180)

Target Antigen: GABA-A receptor alpha1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB,IP,ICC,IHC. KO validated
Consolidation 6/2023: AB_10597955

Antibody Name: Anti-GABA-A receptor alpha1

Description: This polyclonal targets GABA-A receptor alpha1

Target Organism: rat, mouse

Antibody ID: AB_2232180

Vendor: Synaptic Systems

Catalog Number: 224 203

Record Creation Time: 20231110T045617+0000

Record Last Update: 20241115T071515+0000

Ratings and Alerts

No rating or validation information has been found for Anti-GABA-A receptor alpha1.

No alerts have been found for Anti-GABA-A receptor alpha1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Chen JJ, et al. (2024) Developmental transformation of Ca²⁺ channel-vesicle nanotopography at a central GABAergic synapse. *Neuron*, 112(5), 755.

Van Hook MJ, et al. (2024) Enhanced Synaptic Inhibition in the Dorsolateral Geniculate Nucleus in a Mouse Model of Glaucoma. *eNeuro*, 11(7).

Garcia JD, et al. (2023) Distinct mechanisms drive sequential internalization and degradation of GABAARs during global ischemia and reperfusion injury. *iScience*, 26(10), 108061.

Whittsette AL, et al. (2022) The endoplasmic reticulum membrane complex promotes proteostasis of GABAA receptors. *iScience*, 25(8), 104754.

Cheng S, et al. (2022) Vision-dependent specification of cell types and function in the developing cortex. *Cell*, 185(2), 311.

Merlaud Z, et al. (2022) Conformational state-dependent regulation of GABAA receptor diffusion and subsynaptic domains. *iScience*, 25(11), 105467.

Garcia JD, et al. (2021) Stepwise disassembly of GABAergic synapses during pathogenic excitotoxicity. *Cell reports*, 37(12), 110142.

Rajgor D, et al. (2020) Local miRNA-Dependent Translational Control of GABAAR Synthesis during Inhibitory Long-Term Potentiation. *Cell reports*, 31(12), 107785.

Meng X, et al. (2019) Neurexophilin4 is a selectively expressed ?-neurexin ligand that modulates specific cerebellar synapses and motor functions. *eLife*, 8.

Uezu A, et al. (2019) Essential role for InSyn1 in dystroglycan complex integrity and cognitive behaviors in mice. *eLife*, 8.

Berggaard N, et al. (2018) Spatiotemporal Distribution of GABAA Receptor Subunits Within Layer II of Mouse Medial Entorhinal Cortex: Implications for Grid Cell Excitability. *Frontiers in neuroanatomy*, 12, 46.

Brady ML, et al. (2015) Synaptic localization of γ 5 GABA (A) receptors via gephyrin interaction regulates dendritic outgrowth and spine maturation. *Developmental neurobiology*, 75(11), 1241.