

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 1, 2025

## GAD65

RRID:AB\_397380

Type: Antibody

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### Proper Citation

(BD Biosciences Cat# 559931, RRID:AB\_397380)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_397380](http://antibodyregistry.org/AB_397380)

**Proper Citation:** (BD Biosciences Cat# 559931, RRID:AB\_397380)

**Target Antigen:** GAD65

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Immunohistochemistry-formalin (antigen retrieval required), Intracellular staining (flow Cytotoxicityometry), Western blot

**Antibody Name:** GAD65

**Description:** This monoclonal targets GAD65

**Target Organism:** rat, porcine, mouse, human

**Antibody ID:** AB\_397380

**Vendor:** BD Biosciences

**Catalog Number:** 559931

**Record Creation Time:** 20231110T081135+0000

**Record Last Update:** 20241115T133753+0000

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### Ratings and Alerts

No rating or validation information has been found for GAD65.

No alerts have been found for GAD65.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Li Y, et al. (2023) Maf1 controls retinal neuron number by both RNA Pol III- and Pol II-dependent mechanisms. *iScience*, 26(12), 108544.

Uggerud IM, et al. (2023) Development and Optimization of a Multilayer Rat Purkinje Neuron Culture. *Cerebellum* (London, England).

Liu S, et al. (2023) Generation of self-organized autonomic ganglion organoids from fibroblasts. *iScience*, 26(3), 106241.

Roy ER, et al. (2022) Concerted type I interferon signaling in microglia and neural cells promotes memory impairment associated with amyloid  $\beta$  plaques. *Immunity*, 55(5), 879.

Nguyen AQ, et al. (2020) Astrocytic Ephrin-B1 Controls Synapse Formation in the Hippocampus During Learning and Memory. *Frontiers in synaptic neuroscience*, 12, 10.

Dong X, et al. (2020) LIM-Homeodomain Transcription Factor LHX4 Is Required for the Differentiation of Retinal Rod Bipolar Cells and OFF-Cone Bipolar Subtypes. *Cell reports*, 32(11), 108144.

Koeppen J, et al. (2018) Functional Consequences of Synapse Remodeling Following Astrocyte-Specific Regulation of Ephrin-B1 in the Adult Hippocampus. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(25), 5710.

Diacou R, et al. (2018) Six3 and Six6 Are Jointly Required for the Maintenance of Multipotent Retinal Progenitors through Both Positive and Negative Regulation. *Cell reports*, 25(9), 2510.

Yamasaki T, et al. (2017) GARLH Family Proteins Stabilize GABAA Receptors at Synapses. *Neuron*, 93(5), 1138.

Sidhu H, et al. (2014) Genetic removal of matrix metalloproteinase 9 rescues the symptoms of fragile X syndrome in a mouse model. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(30), 9867.