

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

GAD2 (D5G2) XP Rabbit mAb

RRID:AB_10835855

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5843, RRID:AB_10835855

Antibody Information

URL: http://antibodyregistry.org/AB_10835855

Proper Citation: Cell Signaling Technology Cat# 5843, RRID:AB_10835855

Target Antigen: GAD2 (D5G2) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-F. Consolidation on 10/2018: AB_10835855, AB_10835856.

Antibody Name: GAD2 (D5G2) XP Rabbit mAb

Description: This monoclonal targets GAD2 (D5G2) XP Rabbit mAb

Target Organism: rat, h, m, mouse, r, human

Antibody ID: AB_10835855

Vendor: Cell Signaling Technology

Catalog Number: 5843

Record Creation Time: 20250820T002748+0000

Record Last Update: 20250820T082031+0000

Ratings and Alerts

No rating or validation information has been found for GAD2 (D5G2) XP Rabbit mAb.

No alerts have been found for GAD2 (D5G2) XP Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Vinci E, et al. (2025) Regulation of Dendrite and Dendritic Spine Formation by TCF20. Journal of neurochemistry, 169(1), e16297.

Wang L, et al. (2024) Melatonin improves synapse development by PI3K/Akt signaling in a mouse model of autism spectrum disorder. Neural regeneration research, 19(7), 1618.

Micheva KD, et al. (2023) Developing a Toolbox of Antibodies Validated for Array Tomography-Based Imaging of Brain Synapses. bioRxiv : the preprint server for biology.

Micheva KD, et al. (2023) Developing a Toolbox of Antibodies Validated for Array Tomography-Based Imaging of Brain Synapses. eNeuro, 10(12).

Ryu B, et al. (2021) Chronic loss of inhibition in piriform cortex following brief, daily optogenetic stimulation. Cell reports, 35(3), 109001.

Micheva KD, et al. (2021) Conduction Velocity Along the Local Axons of Parvalbumin Interneurons Correlates With the Degree of Axonal Myelination. Cerebral cortex (New York, N.Y. : 1991), 31(7), 3374.

Simhal AK, et al. (2018) A Computational Synaptic Antibody Characterization Tool for Array Tomography. Frontiers in neuroanatomy, 12, 51.

Simhal AK, et al. (2017) Probabilistic fluorescence-based synapse detection. PLoS computational biology, 13(4), e1005493.