

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Apr 15, 2025

Gbeta (T-20)

RRID:AB_631542

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-378, RRID:AB_631542)

Antibody Information

URL: http://antibodyregistry.org/AB_631542

Proper Citation: (Santa Cruz Biotechnology Cat# sc-378, RRID:AB_631542)

Target Antigen: Gbeta (T-20)

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Flow Cytometry; ELISA; Other; Western Blot; Immunofluorescence; Immunoprecipitation; WB, IP, IF, IHC(P), FCM, ELISA

Antibody Name: Gbeta (T-20)

Description: This monoclonal targets Gbeta (T-20)

Target Organism: rat, cow, mouse, bovine, human

Antibody ID: AB_631542

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-378

Record Creation Time: 20241016T235640+0000

Record Last Update: 20241017T012806+0000

Ratings and Alerts

No rating or validation information has been found for Gbeta (T-20).

No alerts have been found for Gbeta (T-20).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Abd El-Hafeez AA, et al. (2023) Regulation of DNA damage response by trimeric G-proteins. *iScience*, 26(2), 105973.

Cruz B, et al. (2022) Alcohol self-administration and nicotine withdrawal alter biomarkers of stress and inflammation and prefrontal cortex changes in G α subunits. *The American journal of drug and alcohol abuse*, 1.

San Martin LS, et al. (2021) Contribution of GlyR β 3 Subunits to the Sensitivity and Effect of Ethanol in the Nucleus Accumbens. *Frontiers in molecular neuroscience*, 14, 756607.

Godoy PA, et al. (2021) Increased P2 \times 2 receptors induced by amyloid- β peptide participates in the neurotoxicity in alzheimer's disease. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 142, 111968.

Molina-Holgado E, et al. (2021) Cannabinoid Receptor 1 associates to different molecular complexes during GABAergic neuron maturation. *Journal of neurochemistry*, 158(3), 640.

Araya A, et al. (2021) Presence of ethanol-sensitive and ethanol-insensitive glycine receptors in the ventral tegmental area and prefrontal cortex in mice. *British journal of pharmacology*, 178(23), 4691.

Reddy HP, et al. (2021) Encephalopathy-causing mutations in G β 1 (GNB1) alter regulation of neuronal GIRK channels. *iScience*, 24(9), 103018.

San Martin L, et al. (2020) Ethanol consumption and sedation are altered in mice lacking the glycine receptor β 2 subunit. *British journal of pharmacology*, 177(17), 3941.

Esteban PF, et al. (2020) Revisiting CB1 cannabinoid receptor detection and the exploration of its interacting partners. *Journal of neuroscience methods*, 337, 108680.

Abraham AD, et al. (2018) Estrogen Regulation of GRK2 Inactivates Kappa Opioid Receptor

Signaling Mediating Analgesia, But Not Aversion. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(37), 8031.

Van Hook MJ, et al. (2017) A Presynaptic Group III mGluR Recruits G $\beta\gamma$ /SNARE Interactions to Inhibit Synaptic Transmission by Cone Photoreceptors in the Vertebrate Retina. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(17), 4618.

Pierce MR, et al. (2015) Sodium-dependent vitamin C transporter-2 mediates vitamin C transport at the cortical nerve terminal. Journal of neuroscience research, 93(12), 1881.

Sierra-Fonseca JA, et al. (2014) Nerve growth factor induces neurite outgrowth of PC12 cells by promoting G $\beta\gamma$ -microtubule interaction. BMC neuroscience, 15, 132.