

Resource Summary Report

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Somatostatin (G-10)

RRID:AB_831726

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-55565, RRID:AB_831726

Antibody Information

URL: http://antibodyregistry.org/AB_831726

Proper Citation: Santa Cruz Biotechnology Cat# sc-55565, RRID:AB_831726

Target Antigen: SST

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Antibody Name: Somatostatin (G-10)

Description: This monoclonal targets SST

Target Organism: rat, mouse, human

Clone ID: G-10

Antibody ID: AB_831726

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-55565

Record Creation Time: 20250819T222730+0000

Record Last Update: 20250820T021508+0000

Ratings and Alerts

- Used for cytometry time of flight assay by the Human Islet Research Network community. Contact(s): Klaus Kaestner, Daniel Traum - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Somatostatin (G-10).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Osonoi S, et al. (2025) CCNA2 and CCND2 are differentially involved in β -cell proliferation in perinatal Japanese autopsied subjects. The Journal of clinical endocrinology and metabolism.

Mostajo-Radji MA, et al. (2025) Fate plasticity of interneuron specification. iScience, 28(4), 112295.

Sajukumar K, et al. (2025) Dab1 expression level controls Reelin-induced PI3K-Akt activation in early GABAergic neurons. Biochemical and biophysical research communications, 751, 151444.

Meng G, et al. (2025) Reconstruction of endocrine subtype-complete human pluripotent stem cell-derived islets with capacity for hypoglycemia protection in vivo. Cell stem cell, 32(9), 1438.

Pan T, et al. (2025) Delayed forebrain excitatory and inhibitory neurogenesis in STRADA-related megalencephaly via mTOR hyperactivity. bioRxiv : the preprint server for biology.

Ding C, et al. (2024) Srcap haploinsufficiency induced autistic-like behaviors in mice through disruption of Satb2 expression. Cell reports, 43(5), 114231.

Yao J, et al. (2024) Deciphering molecular heterogeneity and dynamics of human hippocampal neural stem cells at different ages and injury states. eLife, 12.

Wang S, et al. (2024) Transplantation of chemically induced pluripotent stem-cell-derived islets under abdominal anterior rectus sheath in a type 1 diabetes patient. Cell, 187(22), 6152.

Hua H, et al. (2024) Remodeling ceramide homeostasis promotes functional maturation of human pluripotent stem cell-derived β cells. Cell stem cell, 31(6), 850.

Graff SM, et al. (2024) TALK-1-mediated alterations of β -cell mitochondrial function and insulin secretion impair glucose homeostasis on a diabetogenic diet. Cell reports, 43(1), 113673.

Park Y, et al. (2024) Modulation of neuronal activity in cortical organoids with bioelectronic delivery of ions and neurotransmitters. *Cell reports methods*, 4(1), 100686.

Singh PNP, et al. (2024) Transcription factor dynamics, oscillation, and functions in human enteroendocrine cell differentiation. *Cell stem cell*, 31(7), 1038.

Dror E, et al. (2023) Epigenetic dosage identifies two major and functionally distinct ? cell subtypes. *Cell metabolism*, 35(5), 821.

Ho T, et al. (2023) A plasma membrane-associated glycolytic metabolon is functionally coupled to KATP channels in pancreatic ? and ? cells from humans and mice. *Cell reports*, 42(4), 112394.

Pinatel D, et al. (2023) A class-specific effect of dysmyelination on the excitability of hippocampal interneurons. *eLife*, 12.

Koukoulis F, et al. (2022) Visual-area-specific tonic modulation of GABA release by endocannabinoids sets the activity and coordination of neocortical principal neurons. *Cell reports*, 40(8), 111202.

Wang D, et al. (2022) VIP interneurons regulate olfactory bulb output and contribute to odor detection and discrimination. *Cell reports*, 38(7), 110383.

Shen W, et al. (2022) Somatostatin interneurons inhibit excitatory transmission mediated by astrocytic GABAB and presynaptic GABAB and adenosine A1 receptors in the hippocampus. *Journal of neurochemistry*, 163(4), 310.

Perez-Frances M, et al. (2022) Adult pancreatic islet endocrine cells emerge as fetal hormone-expressing cells. *Cell reports*, 38(7), 110377.

Cleary CM, et al. (2021) Somatostatin-expressing parafacial neurons are CO₂/H⁺ sensitive and regulate baseline breathing. *eLife*, 10.