Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 13, 2025

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: Somatostatin (G-10)

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: Somatostatin (G-10)

Description: This monoclonal targets Somatostatin (G-10)

Target Organism: rat, mouse, human

Antibody ID: AB_831726

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-55565

Record Creation Time: 20241016T222814+0000

Record Last Update: 20241016T225622+0000

Ratings and Alerts

No rating or validation information has been found for Somatostatin (G-10).

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

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

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

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

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

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

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

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.

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.

Koukouli 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.

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

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. (2021) Pancreatic Ppy-expressing ?-cells display mixed phenotypic traits and the adaptive plasticity to engage insulin production. Nature communications, 12(1), 4458.

Wu CT, et al. (2021) SARS-CoV-2 infects human pancreatic ? cells and elicits ? cell impairment. Cell metabolism, 33(8), 1565.

Hogrebe NJ, et al. (2021) Generation of insulin-producing pancreatic ? cells from multiple human stem cell lines. Nature protocols, 16(9), 4109.

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

Yang K, et al. (2021) SENP1 in the retrosplenial agranular cortex regulates core autistic-like symptoms in mice. Cell reports, 37(5), 109939.

Chen P, et al. (2020) Prefrontal Cortex Corticotropin-Releasing Factor Neurons Control Behavioral Style Selection under Challenging Situations. Neuron, 106(2), 301.

Sharon N, et al. (2019) Wnt Signaling Separates the Progenitor and Endocrine Compartments during Pancreas Development. Cell reports, 27(8), 2281.