

Resource Summary Report

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

Somatostatin (D-20)

RRID:AB_2302603

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-7819, RRID:AB_2302603

Antibody Information

URL: http://antibodyregistry.org/AB_2302603

Proper Citation: Santa Cruz Biotechnology Cat# sc-7819, RRID:AB_2302603

Target Antigen: Somatostatin (D-20)

Host Organism: human

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: WB, IP, IF, ELISA; ELISA; Western Blot; Immunofluorescence; Immunoprecipitation

Antibody Name: Somatostatin (D-20)

Description: This polyclonal targets Somatostatin (D-20)

Target Organism: Human, Rat, Mouse

Defining Citation: [PMID:23124836](#), [PMID:19177517](#), [PMID:23296627](#), [PMID:20394054](#), [PMID:22791192](#), [PMID:23749483](#), [PMID:18546278](#)

Antibody ID: AB_2302603

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-7819

Record Creation Time: 20250820T011644+0000

Record Last Update: 20250820T103024+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community. Contact(s): [Radhika Aramandla](#), [Greg Poffenberger](#), [Marcela Brissova](#), [Chunhua Dai](#), [Rita Bottino](#), [Sally Kent](#), [Patrick MacDonald](#), [Al Powers](#) - Human Islets Research Network <https://hirnetwork.org/>

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: WB, IP, IF, ELISA; ELISA; Western Blot; Immunofluorescence; Immunoprecipitation

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 57 mentions in open access literature.

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

Yang J, et al. (2025) Primary ciliary protein kinase A activity in the prefrontal cortex modulates stress in mice. *Neuron*, 113(8), 1276.

Jun Y, et al. (2025) Engineered vasculature induces functional maturation of pluripotent stem cell-derived islet organoids. *Developmental cell*.

Wei Y, et al. (2025) Sympathetic functional units encoded by genetically defined postganglionic neurons. *Neuron*.

Li J, et al. (2025) Dynamic redistribution of AMPA receptors toward memory-related neuronal ensembles in mice barrel cortex during sensory learning. *Neuron*.

Bono BS, et al. (2025) Brainwide Projections of Mouse Dopaminergic Zona Incerta Neurons. *The Journal of comparative neurology*, 533(3), e70039.

Evans-Molina C, et al. (2024) Heterogeneous endocrine cell composition defines human islet functional phenotypes. *bioRxiv : the preprint server for biology*.

Acreman S, et al. (2024) The endoplasmic reticulum plays a key role in β -cell intracellular Ca^{2+} dynamics and glucose-regulated glucagon secretion in mouse islets. *iScience*, 27(5), 109665.

Zhu Q, et al. (2023) Human cortical interneurons optimized for grafting specifically integrate, abort seizures, and display prolonged efficacy without over-inhibition. *Neuron*, 111(6), 807.

Magenheim J, et al. (2023) Matters arising: Insufficient evidence that pancreatic β cells are derived from adult ductal Neurog3-expressing progenitors. *Cell stem cell*, 30(4), 488.

Zhu H, et al. (2023) Understanding cell fate acquisition in stem-cell-derived pancreatic islets using single-cell multiome-inferred regulomes. *Developmental cell*, 58(9), 727.

Tixi W, et al. (2023) Coordination between ECM and cell-cell adhesion regulates the development of islet aggregation, architecture, and functional maturation. *eLife*, 12.

Hermann FM, et al. (2023) An insulin hypersecretion phenotype precedes pancreatic β cell failure in MODY3 patient-specific cells. *Cell stem cell*, 30(1), 38.

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

Atsumi Y, et al. (2023) Anatomical identification of a corticocortical top-down recipient inhibitory circuitry by enhancer-restricted transsynaptic tracing. *Frontiers in neural circuits*, 17, 1245097.

Eicher AK, et al. (2022) Functional human gastrointestinal organoids can be engineered from three primary germ layers derived separately from pluripotent stem cells. *Cell stem cell*, 29(1), 36.

Rigkou A, et al. (2022) TGF- β 2 Regulates Transcription of the K⁺/Cl⁻ Cotransporter 2 (KCC2) in Immature Neurons and Its Phosphorylation at T1007 in Differentiated Neurons. *Cells*, 11(23).

Stujenske JM, et al. (2022) Prelimbic cortex drives discrimination of non-aversion via amygdala somatostatin interneurons. *Neuron*, 110(14), 2258.

Ren J, et al. (2022) A Distinct Metabolically Defined Central Nucleus Circuit Bidirectionally Controls Anxiety-Related Behaviors. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(11), 2356.

Hauser D, et al. (2022) Targeted proteoform mapping uncovers specific Neurexin-3 variants required for dendritic inhibition. *Neuron*, 110(13), 2094.

Miguel-Escalada I, et al. (2022) Pancreas agenesis mutations disrupt a lead enhancer controlling a developmental enhancer cluster. *Developmental cell*, 57(16), 1922.