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: SST

Host Organism: goat

Clonality: polyclonal

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

Antibody Name: Somatostatin (D-20)

Description: This polyclonal targets SST

Target Organism: rat, mouse, human

Clone ID: D-20

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: 20250820T000830+0000

Record Last Update: 20250820T072850+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: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

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 ?-cell intracellular Ca2+ 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 ? 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 ? 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-?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.