Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

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: 20231110T043605+0000

Record Last Update: 20241115T050329+0000

Ratings and Alerts

No rating or validation information has been found for Somatostatin (D-20).

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 65 mentions in open access literature.

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

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.

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.

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.

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

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

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.

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.

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

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

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

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).

Alvarsson A, et al. (2021) Optical Clearing and 3D Analysis Optimized for Mouse and Human Pancreata. Bio-protocol, 11(15), e4103.

Aery Jones EA, et al. (2021) Dentate gyrus and CA3 GABAergic interneurons bidirectionally modulate signatures of internal and external drive to CA1. Cell reports, 37(13), 110159.

Charoensuk C, et al. (2021) Autosomal dominant diabetes associated with a novel ZYG11A mutation resulting in cell cycle arrest in beta-cells. Molecular and cellular endocrinology, 522, 111126.

Besnard A, et al. (2021) Enhancing adult neurogenesis promotes contextual fear memory discrimination and activation of hippocampal-dorsolateral septal circuits. Behavioural brain research, 399, 112917.

Zhang J, et al. (2021) Oxytocin Regulates Synaptic Transmission in the Sensory Cortices in a Developmentally Dynamic Manner. Frontiers in cellular neuroscience, 15, 673439.