

Resource Summary Report

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Anti-Somatostatin Antibody, clone YC7

RRID:AB_2255365

Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# MAB354, RRID:AB_2255365)

Antibody Information

URL: http://antibodyregistry.org/AB_2255365

Proper Citation: (Sigma-Aldrich Cat# MAB354, RRID:AB_2255365)

Target Antigen: Somatostatin

Host Organism: rat

Clonality: monoclonal

Comments: Applications: IHC

Antibody Name: Anti-Somatostatin Antibody, clone YC7

Description: This monoclonal targets Somatostatin

Target Organism: rat, rabbit, human

Clone ID: clone YC7

Antibody ID: AB_2255365

Vendor: Sigma-Aldrich

Catalog Number: MAB354

Record Creation Time: 20231110T031022+0000

Record Last Update: 20240725T082056+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Somatostatin Antibody, clone YC7.

No alerts have been found for Anti-Somatostatin Antibody, clone YC7.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 136 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Nguyen R, et al. (2024) Ventral hippocampal cholecystokinin interneurons gate contextual reward memory. *iScience*, 27(2), 108824.

Fang S, et al. (2024) Sexually dimorphic control of affective state processing and empathic behaviors. *Neuron*.

Karube F, et al. (2024) Anterograde trans-neuronal labeling of striatal interneurons in relation to dopamine neurons in the substantia nigra pars compacta. *Frontiers in neuroanatomy*, 18, 1325368.

Yan Y, et al. (2024) 3D bioprinting of human neural tissues with functional connectivity. *Cell stem cell*, 31(2), 260.

van Tienhoven R, et al. (2024) Induction of islet autoimmunity to defective ribosomal product of the insulin gene as neoantigen after anti-cancer immunotherapy leading to autoimmune diabetes. *Frontiers in immunology*, 15, 1384406.

Fisher J, et al. (2024) Cortical somatostatin long-range projection neurons and interneurons exhibit divergent developmental trajectories. *Neuron*, 112(4), 558.

Huang Z, et al. (2024) A disinhibitory microcircuit of the orbitofrontal cortex mediates cocaine preference in mice. *Molecular psychiatry*, 29(10), 3160.

Leon WRM, et al. (2024) The clustered gamma protocadherin *Pcdh^γC4* isoform regulates cortical interneuron programmed cell death in the mouse cortex. *Proceedings of the National Academy of Sciences of the United States of America*, 121(6), e2313596120.

Myers-Joseph D, et al. (2024) Disinhibition by VIP interneurons is orthogonal to cross-modal attentional modulation in primary visual cortex. *Neuron*, 112(4), 628.

Rangel Guerrero DK, et al. (2024) Hippocampal cholecystokinin-expressing interneurons regulate temporal coding and contextual learning. *Neuron*, 112(12), 2045.

Huang YC, et al. (2024) Dynamic assemblies of parvalbumin interneurons in brain oscillations. *Neuron*, 112(15), 2600.

Irala D, et al. (2024) Astrocyte-secreted neurocan controls inhibitory synapse formation and function. *Neuron*, 112(10), 1657.

Wang H, et al. (2024) Prefrontal cortical dynorphin peptidergic transmission constrains threat-driven behavioral and network states. *Neuron*, 112(12), 2062.

Tamboli S, et al. (2024) Mouse hippocampal CA1 VIP interneurons detect novelty in the environment and support recognition memory. *Cell reports*, 43(4), 114115.

Munguba H, et al. (2023) Transcriptional maintenance of cortical somatostatin interneuron subtype identity during migration. *Neuron*, 111(22), 3590.

Sunardi M, et al. (2023) A Single RET Mutation in Hirschsprung Disease Induces Intestinal Aganglionosis Via a Dominant-Negative Mechanism. *Cellular and molecular gastroenterology and hepatology*, 15(6), 1505.

Chadwick A, et al. (2023) Learning shapes cortical dynamics to enhance integration of relevant sensory input. *Neuron*, 111(1), 106.

Hughes BW, et al. (2023) NPAS4 in the medial prefrontal cortex mediates chronic social defeat stress-induced anhedonia-like behavior and reductions in excitatory synapses. *eLife*, 12.

Fan Y, et al. (2023) hPSC-derived sacral neural crest enables rescue in a severe model of Hirschsprung's disease. *Cell stem cell*, 30(3), 264.

Babij R, et al. (2023) Gabrb3 is required for the functional integration of pyramidal neuron subtypes in the somatosensory cortex. *Neuron*, 111(2), 256.