Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 5, 2025

A cyclase III (C-20)

RRID:AB_630839 Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-588, RRID:AB_630839)

Antibody Information

URL: http://antibodyregistry.org/AB_630839

Proper Citation: (Santa Cruz Biotechnology Cat# sc-588, RRID:AB_630839)

Target Antigen: ADCY3

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Antibody Name: A cyclase III (C-20)

Description: This polyclonal targets ADCY3

Target Organism: rat, mouse, human

Clone ID: C-20

Defining Citation: PMID:18803244

Antibody ID: AB_630839

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-588

Record Creation Time: 20231110T043754+0000

Record Last Update: 20241115T071853+0000

Ratings and Alerts

No rating or validation information has been found for A cyclase III (C-20).

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Oya M, et al. (2024) Age-related ciliopathy: Obesogenic shortening of melanocortin-4 receptor-bearing neuronal primary cilia. Cell metabolism.

Wang XF, et al. (2024) The liver and muscle secreted HFE2-protein maintains central nervous system blood vessel integrity. Nature communications, 15(1), 1037.

Dumoulin A, et al. (2024) A cell-autonomous role for primary cilium-mediated signaling in long-range commissural axon guidance. Development (Cambridge, England), 151(17).

Hernandez-Clavijo A, et al. (2023) Shedding light on human olfaction: Electrophysiological recordings from sensory neurons in acute slices of olfactory epithelium. iScience, 26(7), 107186.

Alvarado JA, et al. (2021) Developmental distribution of primary cilia in the retinofugal visual pathway. The Journal of comparative neurology, 529(7), 1442.

Leinders-Zufall T, et al. (2021) A diacylglycerol photoswitching protocol for studying TRPC channel functions in mammalian cells and tissue slices. STAR protocols, 2(2), 100527.

Koike K, et al. (2021) Danger perception and stress response through an olfactory sensor for the bacterial metabolite hydrogen sulfide. Neuron, 109(15), 2469.

Somatilaka BN, et al. (2020) Ankmy2 Prevents Smoothened-Independent Hyperactivation of the Hedgehog Pathway via Cilia-Regulated Adenylyl Cyclase Signaling. Developmental cell, 54(6), 710.

Legué E, et al. (2019) Tulp3 Is a Ciliary Trafficking Gene that Regulates Polycystic Kidney Disease. Current biology : CB, 29(5), 803.

Monahan K, et al. (2019) LHX2- and LDB1-mediated trans interactions regulate olfactory receptor choice. Nature, 565(7740), 448.

Matsumoto M, et al. (2019) Dynamic Changes in Ultrastructure of the Primary Cilium in Migrating Neuroblasts in the Postnatal Brain. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(50), 9967.

Leinders-Zufall T, et al. (2018) PhoDAGs Enable Optical Control of Diacylglycerol-Sensitive Transient Receptor Potential Channels. Cell chemical biology, 25(2), 215.

Park SM, et al. (2018) Brain Somatic Mutations in MTOR Disrupt Neuronal Ciliogenesis, Leading to Focal Cortical Dyslamination. Neuron, 99(1), 83.

Kobayashi Y, et al. (2018) Depression-resistant Phenotype in Mice Overexpressing Regulator of G Protein Signaling 8 (RGS8). Neuroscience, 383, 160.

Talaga AK, et al. (2017) Cilia- and Flagella-Associated Protein 69 Regulates Olfactory Transduction Kinetics in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(23), 5699.

Ferguson CH, et al. (2017) Simultaneous Loss of NCKX4 and CNG Channel Desensitization Impairs Olfactory Sensitivity. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(1), 110.

Rodriguez-Gil DJ, et al. (2008) Wnt/Frizzled family members mediate olfactory sensory neuron axon extension. The Journal of comparative neurology, 511(3), 301.