Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 26, 2025

PLC beta2 (Q-15)

RRID:AB_632197
Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-206, RRID:AB_632197)

Antibody Information

URL: http://antibodyregistry.org/AB_632197

Proper Citation: (Santa Cruz Biotechnology Cat# sc-206, RRID:AB_632197)

Target Antigen: PLC beta2 (Q-15)

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: Immunocytochemistry; Immunofluorescence; ELISA; WB, IP, IF, IHC(P), ELISA; Immunoprecipitation; Immunohistochemistry; Western Blot; Immunogen: synthetic peptide from amino acids 1170–1181 of human origin

Antibody Name: PLC beta2 (Q-15)

Description: This polyclonal targets PLC beta2 (Q-15)

Target Organism: rat, mouse, human

Defining Citation: PMID:19708028, PMID:17447252, PMID:16680780

Antibody ID: AB_632197

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-206

Record Creation Time: 20231110T080334+0000

Record Last Update: 20241115T023224+0000

Ratings and Alerts

No rating or validation information has been found for PLC beta2 (Q-15).

Warning: Discontinued: 2016
Discontinued: 2016; validation status unknown check with seller; recommendations: Immunocytochemistry; Immunofluorescence; ELISA; WB, IP, IF, IHC(P), ELISA; Immunoprecipitation; Immunohistochemistry; Western Blot; Immunogen: synthetic peptide from amino acids 1170–1181 of human origin

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Ikuta R, et al. (2022) The presynaptic active zone protein Bassoon as a marker for synapses between Type III cells and afferent nerve fibers in taste buds. Chemical senses, 47.

Sung H, et al. (2022) High-sucrose diet exposure is associated with selective and reversible alterations in the rat peripheral taste system. Current biology : CB, 32(19), 4103.

Ito M, et al. (2022) Morphology and chemical characteristics of taste buds associated with P2X3-immunoreactive afferent nerve endings in the rat incisive papilla. Journal of anatomy, 240(4), 688.

Ikuta R, et al. (2021) N-cadherin localization in taste buds of mouse circumvallate papillae. The Journal of comparative neurology, 529(9), 2227.

Doyle ME, et al. (2021) Human Type II Taste Cells Express Angiotensin-Converting Enzyme 2 and Are Infected by Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). The American journal of pathology, 191(9), 1511.

Yamamoto Y, et al. (2021) Morphology of GNAT3-immunoreactive chemosensory cells in the nasal cavity and pharynx of the rat. Journal of anatomy, 239(2), 290.

Doyle ME, et al. (2021) Human Taste Cells Express ACE2: a Portal for SARS-CoV-2 Infection. bioRxiv : the preprint server for biology.

Qin Y, et al. (2021) Nkx2-2 expressing taste cells in endoderm-derived taste papillae are

committed to the type III lineage. Developmental biology, 477, 232.

Ogata T, et al. (2020) Quantitative Analysis of Taste Bud Cell Numbers in the Circumvallate and Foliate Taste Buds of Mice. Chemical senses, 45(4), 261.

Dutta Banik D, et al. (2020) A subset of broadly responsive Type III taste cells contribute to the detection of bitter, sweet and umami stimuli. PLoS genetics, 16(8), e1008925.

Jetté ME, et al. (2020) Chemical receptors of the arytenoid: A comparison of human and mouse. The Laryngoscope, 130(2), 423.

Larson ED, et al. (2020) Function, Innervation, and Neurotransmitter Signaling in Mice Lacking Type-II Taste Cells. eNeuro, 7(1).

Perniss A, et al. (2020) Chemosensory Cell-Derived Acetylcholine Drives Tracheal Mucociliary Clearance in Response to Virulence-Associated Formyl Peptides. Immunity, 52(4), 683.

Gaillard D, et al. (2019) Fractionated head and neck irradiation impacts taste progenitors, differentiated taste cells, and Wnt/?-catenin signaling in adult mice. Scientific reports, 9(1), 17934.

Wilson CE, et al. (2019) Physiological and Behavioral Responses to Optogenetic Stimulation of PKD2L1+ Type III Taste Cells. eNeuro, 6(2).

Crosson SM, et al. (2019) Taste Receptor Cells in Mice Express Receptors for the Hormone Adiponectin. Chemical senses, 44(6), 409.

Dutta Banik D, et al. (2018) TRPM4 and TRPM5 are both required for normal signaling in taste receptor cells. Proceedings of the National Academy of Sciences of the United States of America, 115(4), E772.

Doyle ME, et al. (2018) Insulin Is Transcribed and Translated in Mammalian Taste Bud Cells. Endocrinology, 159(9), 3331.

Gaillard D, et al. (2017) ?-catenin is required for taste bud cell renewal and behavioral taste perception in adult mice. PLoS genetics, 13(8), e1006990.

Wilson CE, et al. (2017) Type III Cells in Anterior Taste Fields Are More Immunohistochemically Diverse Than Those of Posterior Taste Fields in Mice. Chemical senses, 42(9), 759.