

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

KCNQ1 (C-20)

RRID:AB_2131554

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-10646, RRID:AB_2131554

Antibody Information

URL: http://antibodyregistry.org/AB_2131554

Proper Citation: Santa Cruz Biotechnology Cat# sc-10646, RRID:AB_2131554

Target Antigen: KCNQ1

Host Organism: goat

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: KCNQ1 (C-20)

Description: This polyclonal targets KCNQ1

Target Organism: rat, mouse, human

Clone ID: C-20

Defining Citation: [PMID:19006182](#)

Antibody ID: AB_2131554

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-10646

Record Creation Time: 20250820T014038+0000

Record Last Update: 20250820T113411+0000

Ratings and Alerts

No rating or validation information has been found for KCNQ1 (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 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Soma S, et al. (2025) Channel synapse mediates neurotransmission of airway protective chemoreflexes. *Cell*, 188(10), 2687.

Qin T, et al. (2024) Ptch1 is essential for cochlear marginal cell differentiation and stria vascularis formation. *Cell reports*, 43(4), 114083.

Ohmoto M, et al. (2023) A Transcription Factor Etv1/Er81 Is Involved in the Differentiation of Sweet, Umami, and Sodium Taste Cells. *eNeuro*, 10(4).

Chen T, et al. (2021) Cochlear supporting cells require GAS2 for cytoskeletal architecture and hearing. *Developmental cell*, 56(10), 1526.

Morell RJ, et al. (2020) Noncoding Microdeletion in Mouse Hgf Disrupts Neural Crest Migration into the Stria Vascularis, Reduces the Endocochlear Potential, and Suggests the Neuropathology for Human Nonsyndromic Deafness DFNB39. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(15), 2976.

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.

Rohacek AM, et al. (2017) ESRP1 Mutations Cause Hearing Loss due to Defects in Alternative Splicing that Disrupt Cochlear Development. *Developmental cell*, 43(3), 318.