

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 14, 2025

NKCC1 (N-16)

RRID:AB_2188633

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-21545, RRID:AB_2188633)

Antibody Information

URL: http://antibodyregistry.org/AB_2188633

Proper Citation: (Santa Cruz Biotechnology Cat# sc-21545, RRID:AB_2188633)

Target Antigen: SLC12A2

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: NKCC1 (N-16)

Description: This polyclonal targets SLC12A2

Target Organism: rat, mouse, human

Clone ID: N-16

Antibody ID: AB_2188633

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-21545

Record Creation Time: 20231110T043632+0000

Record Last Update: 20241115T083939+0000

Ratings and Alerts

No rating or validation information has been found for NKCC1 (N-16).

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 8 mentions in open access literature.

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

Rheinheimer BA, et al. (2023) Evaluating the transcriptional landscape and cell-cell communication networks in chronically irradiated parotid glands. *iScience*, 26(5), 106660.

Mauduit O, et al. (2022) A mesenchymal to epithelial switch in Fgf10 expression specifies an evolutionary-conserved population of ionocytes in salivary glands. *Cell reports*, 39(2), 110663.

Taukulis IA, et al. (2021) Single-Cell RNA-Seq of Cisplatin-Treated Adult Stria Vascularis Identifies Cell Type-Specific Regulatory Networks and Novel Therapeutic Gene Targets. *Frontiers in molecular neuroscience*, 14, 718241.

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.

Munemasa T, et al. (2019) Slc26a6 is an apical membrane anion exchanger that drives HCO₃⁻-dependent fluid secretion in murine pancreatic acinar cells. *American journal of physiology. Cell physiology*, 317(6), C1153.

Yang NY, et al. (2019) The apical Na⁺ -HCO₃⁻ cotransporter Slc4a7 (NBCn1) does not contribute to bicarbonate transport by mouse salivary gland ducts. *Journal of cellular physiology*, 234(9), 16376.

Weng PL, et al. (2018) Limited Regeneration of Adult Salivary Glands after Severe Injury Involves Cellular Plasticity. *Cell reports*, 24(6), 1464.

Toda T, et al. (2014) Down-regulation of KCC2 expression and phosphorylation in

motoneurons, and increases the number of in primary afferent projections to motoneurons in mice with post-stroke spasticity. PloS one, 9(12), e114328.