

Resource Summary Report

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

Anti-SLC10A4 antibody produced in rabbit

RRID:AB_10603025

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# HPA028835, RRID:AB_10603025

Antibody Information

URL: http://antibodyregistry.org/AB_10603025

Proper Citation: Sigma-Aldrich Cat# HPA028835, RRID:AB_10603025

Target Antigen: SLC10A4 antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: immunohistochemistry (formalin-fixed, paraffin-embedded sections): suitable, protein array: suitable, immunoblotting: suitable; Immunohistochemistry; Western Blot; Other

Antibody Name: Anti-SLC10A4 antibody produced in rabbit

Description: This polyclonal targets SLC10A4 antibody produced in rabbit

Target Organism: human

Antibody ID: AB_10603025

Vendor: Sigma-Aldrich

Catalog Number: HPA028835

Record Creation Time: 20250819T222656+0000

Record Last Update: 20250820T021341+0000

Ratings and Alerts

- Antibody validation available from The Human Protein Atlas - Human Protein Atlas <https://www.proteinatlas.org/search/HPA028835>

Warning: Extracted Antibody Information: "The non-specific binding sites were blocked with 1% bovine serum albumin (BSA) plus 4% goat serum (Sigma-Aldrich) in PBS for 30 min at room temperature. Then, the cells were incubated with the primary antibodies, rabbit anti-Slc10a4 (antibody 1338 C, 1:1,000 dilution, see [13, 14]), Sigma Prestige rabbit anti-SLC10A4 (1:500 dilution) [Sigma-Aldrich Cat# HPA028835 RRID: **AB_10603025**],"

Extracted Specificity Statement: "They used the human medulloblastoma cell line TE671 in which they localized the SLC10A4 protein by immunofluorescence and Western Blot analysis with a commercial anti-SLC10A4 antibody and showed that pre-incubation of the cells with 1U/200 µl of thrombin for 3 h increased the cellular uptake of taurocholic acid and lithocholic acid [18]. However, appropriate controls demonstrating **specificity** of the antibody were not provided and the authors failed to seriously show saturable transport kinetics for this uptake. Furthermore, bioinformatics analysis (Expasy Peptide Cutter, http://www.web.expasy.org/peptide_cutter/) indicates that the mouse and rat SLC10A4 proteins can be cleaved by thrombin at amino acid position 87, but not the human SLC10A4 protein."

Data was mined by Antibody Watch (<https://arxiv.org/pdf/2008.01937.pdf>), from **PMID:26084360**

Vendor recommendations: immunohistochemistry (formalin-fixed, paraffin-embedded sections): suitable, protein array: suitable, immunoblotting: suitable; Immunohistochemistry; Western Blot; Other

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Schmidt S, et al. (2015) Expression, sorting and transport studies for the orphan carrier SLC10A4 in neuronal and non-neuronal cell lines and in *Xenopus laevis* oocytes. BMC neuroscience, 16, 35.