

# Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

## Anti-SLC10A4 polyclonal antibody

RRID:AB\_10603025

Type: Antibody

### Proper Citation

Atlas Antibodies Cat# HPA028835, RRID:AB\_10603025

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_10603025](http://antibodyregistry.org/AB_10603025)

**Proper Citation:** Atlas Antibodies Cat# HPA028835, RRID:AB\_10603025

**Target Antigen:** SLC10A4

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** Originating manufacturer of this product. Applications: IHC. Immunogen: Recombinant Protein Epitope Signature Tag (PrEST).

**Antibody Name:** Anti-SLC10A4 polyclonal antibody

**Description:** This polyclonal targets SLC10A4

**Target Organism:** human

**Antibody ID:** AB\_10603025

**Vendor:** Atlas Antibodies

**Catalog Number:** HPA028835

**Record Creation Time:** 20250820T034144+0000

**Record Last Update:** 20250820T165632+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/](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**

Originating manufacturer of this product. Applications: IHC. Immunogen: Recombinant Protein Epitope Signature Tag (PrEST).

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## 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.