



Anti-SLC26A3 (aa 503-600) polyclonal antibody (DPAB-DC781)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | The protein encoded by this gene is a transmembrane glycoprotein that transports chloride ions across the cell membrane in exchange for bicarbonate ions. It is localized to the mucosa of the lower intestinal tract, particularly to the apical membrane of columnar epithelium and some goblet cells. The protein is essential for intestinal chloride absorption, and mutations in this gene have been associated with congenital chloride diarrhea. |
| Immunogen | SLC26A3 (NP_000102, 503 a.a. ~ 600 a.a) partial recombinant protein with GST tag. The sequence is TQFPKCSTLANIGRTNIYKNKKDYDMEPEGVKIFRCPSPIYFANIGFFRRKLIDAVGF SPLRILRKRNKALRKIRKLQKQGLLQVTPKGFICTVDT |
| Source/Host | Mouse |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | WB (Recombinant protein), ELISA, |
| Size | 50 µl |
| Buffer | 50 % glycerol |
| Preservative | None |
| Storage | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

GENE INFORMATION

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| Gene Name | SLC26A3 solute carrier family 26 (anion exchanger), member 3 [Homo sapiens (human)] |
| Official Symbol | SLC26A3 |
| Synonyms | SLC26A3; solute carrier family 26 (anion exchanger), member 3; CLD; DRA; chloride anion exchanger; down-regulated in adenoma protein; solute carrier family 26, member 3; |
| Entrez Gene ID | 1811 |
| Protein Refseq | NP_000102 |
| UniProt ID | P40879 |
| Chromosome Location | 7q31 |
| Pathway | Mineral absorption; Multifunctional anion exchangers; Pancreatic secretion; Transmembrane transport of small molecules |
| Function | anion:anion antiporter activity; bicarbonate transmembrane transporter activity; chloride transmembrane transporter activity; protein binding |