



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

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 TQFPKCSTLANIGRTNIYKNKKDYYDMYEPEGVKIFRCPSPIYFANIGFFRRKLIDAVGF 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

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