

Product name:	DRA Rabbit Polyclonal Antibody
Cat number:	ABN10153
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from the C-terminal region of human DRA.
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500-1:2000, ELISA 1:10000-1:20000
Molecular Weight:	84kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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. [provided by RefSeq, Oct 2008], developmental stage: Expression is significantly decreased in adenomas (polyps) and adenocarcinomas of the colon., disease: Defects in SLC26A3 are the cause of congenital chloride diarrhea (CLD) [MIM:214700]. CLD is a disease characterized by voluminous watery stools containing an excess of chloride. The children with this disease are often premature., function: Chloride/bicarbonate exchanger. Involved in absorption of in the colon. Helps mediate electrolyte and fluid absorption., PTM: Phosphorylated upon DNA damage, probably by ATM or ATR., similarity: Belongs to the SLC26A/SuP transporter (TC 2.A.53) family., similarity: Contains 1 STAS domain., subunit: Interacts with PDZK1.,