

Product datasheet for **AP31971PU-N**

SLC10A2 (C-term) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC
Recommended Dilution:	Peptide ELISA: 1/16000 (Detection limit). Western blot: Preliminary experiments gave an approx. 60kDa band in Human Kidney lysates after 0.1 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 37.7kDa according to NP_000443.1. The 60kDa band was successfully blocked by incubation with the immunizing peptide. Immunohistochemistry on Paraffin Sections: 3-6 µg/ml. In paraffin embedded Human Small Intestine shows staining of cells in the lamina propria between the intestinal villi.
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide with sequence from the C-Terminus of Human SLC10A2 (NP_000443.1).
Specificity:	This antibody detects SLC10A2 at C-term.
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	solute carrier family 10 member 2
Database Link:	Entrez Gene 6555 Human Q12908



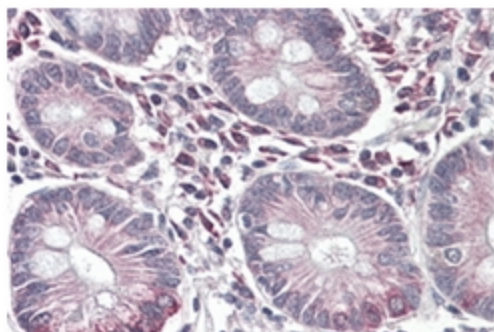
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Background:

This gene encodes a sodium/bile acid cotransporter. This transporter is the primary mechanism for uptake of intestinal bile acids by apical cells in the distal ileum. Bile acids are the catabolic product of cholesterol metabolism, so this protein is also critical for cholesterol homeostasis. Mutations in this gene cause primary bile acid malabsorption (PBAM); mutations in this gene may also be associated with other diseases of the liver and intestines, such as familial hypertriglyceridemia (FHTG). [provided by RefSeq]

Synonyms:

ASBT, ISBT, NTCP2, IBAT

Product images:

SLC10A2 antibody staining of paraffin embedded Human Small Intestine at 3.8 ug/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.