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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08818 - Goat Anti-SLC10A2 / ASBT Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SLC10A2, ASBT, solute carrier family 10 (sodium/bile acid cotransporter family), member 2, ISBT, NTCP2, OTTHUMP00000040691, ileal apical sodium-dependent bile acid transporter, ileal sodium-dependent bile acid transporter

Official Symbol: SLC10A2

Accession Number(s): NP_000443.1

Human GeneID(s): [6555](#)

Immunogen

Peptide with sequence C-YKANGGFQPD EK, from the C Terminus of the protein sequence according to NP_000443.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Preliminary experiments gave an approx. 60kDa band in Human Kidney lysates after 0.1µg/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. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

IHC: In paraffin embedded Human Small Intestine shows staining of cells in the lamina propria between the intestinal villi. Recommended concentration, 3-6µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB08818 (3.8µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.