

## Product datasheet for **TA322912S**

### SLC10A1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 15-50 Positive control: Human lung cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 2-15 amino acids of Human solute carrier family 10 (sodium/bile acid cotransporter family), member 1
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	solute carrier family 10 member 1
Database Link:	<a href="#">NP_003040</a> <a href="#">Entrez Gene 20493 Mouse</a> <a href="#">Entrez Gene 6554 Human</a> <a href="#">Q14973</a>



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**Background:**

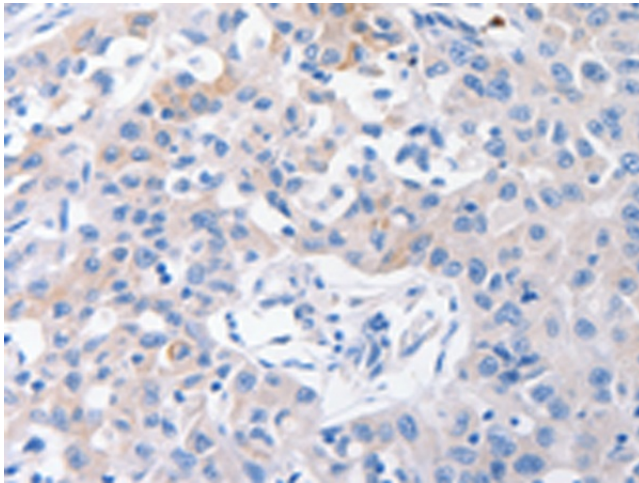
The protein encoded by this gene belongs to the sodium/bile acid cotransporter family; which are integral membrane glycoproteins that participate in the enterohepatic circulation of bile acids. Two homologous transporters are involved in the reabsorption of bile acids; the ileal sodium/bile acid cotransporter with an apical cell localization that absorbs bile acids from the intestinal lumen; bile duct and kidney; and the liver-specific sodium/bile acid cotransporter; represented by this protein; that is found in the basolateral membranes of hepatocytes. Bile acids are the catabolic product of cholesterol metabolism; hence this protein is important for cholesterol homeostasis.

**Synonyms:**

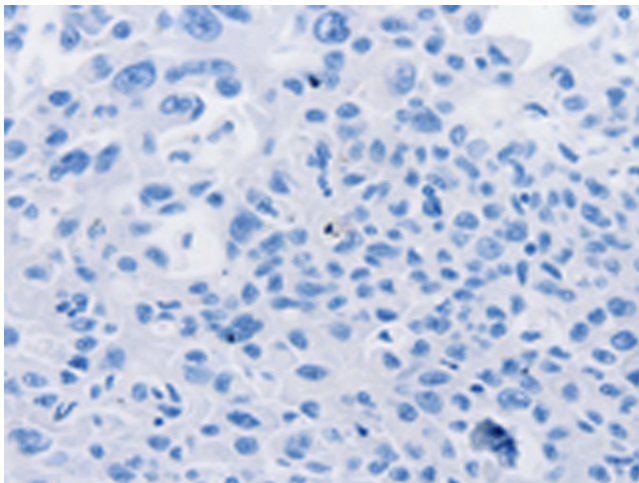
NTCP

**Protein Families:**

Druggable Genome, Transmembrane

**Product images:**

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA322912] (SLC10A1 Antibody) at dilution 1/31 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA322912] (SLC10A1 Antibody) at dilution 1/31, treated with synthetic peptide. (Original magnification:  $\times 200$ )