



Anti-SLC10A1 (aa 107-156) polyclonal antibody (CPBT-46247RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human SLC10A1.
Antigen Description	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.
Immunogen	Synthetic peptide corresponding to a region within internal sequence amino acids 107-156(VFSLAMKGD MNLSIVMTTCSTFCALGMMPLLLYIYSRGI YDGD LKDKVPY) of Human SLC10A1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Sequence Similarities	Belongs to the sodium:bile acid symporter family.
Cellular Localization	Membrane.

Format	Liquid
Size	100 µg
Buffer	Preservative: None Constituents: 2% Sucrose, PBS
Preservative	0.05mg Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	SLC10A1 solute carrier family 10 (sodium/bile acid cotransporter family), member 1 [Homo sapiens]
Official Symbol	SLC10A1
Synonyms	SLC10A1; solute carrier family 10 (sodium/bile acid cotransporter family), member 1; sodium/bile acid cotransporter; NTCP; Na(+)/bile acid cotransporter; Cell growth-inhibiting gene 29 protein; Na / bile acid cotransporter; Na / taurocholate transport protein; Na(+)/taurocholate transport protein; NTCP; NTCP_HUMAN; NTCP1; SLC10A1; Sodium/bile acid cotransporter; Sodium/taurocholate cotransporting polypeptide; Solute carrier family 10 member 1; growth-inhibiting protein 29; Na(+)/bile acid cotransporter; sodium/taurocholate cotransporter; solute carrier family 10 member 1; Na(+)/taurocholate transport protein; cell growth-inhibiting gene 29 protein; Na/taurocholate cotransporting polypeptide; sodium/taurocholate cotransporting polypeptide;
Entrez Gene ID	6554
Protein Refseq	NP_003040
UniProt ID	B2RA41
Chromosome Location	14q24
Pathway	Bile acid and bile salt metabolism, organism-specific biosystem; Bile secretion, organism-specific biosystem; Bile secretion, conserved biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Recycling of bile acids and salts, organism-specific biosystem;
Function	bile acid:sodium symporter activity; symporter activity;