



NTCP Monoclonal Antibody

Catalog No	YP-mAb-04332
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SLC10A1
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human SLC10A1. AA range:281-330
Specificity	NTCP Monoclonal Antibody detects endogenous levels of NTCP protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Chloride channel protein 1;ClC 1;CLC1;CLCN1;NTCP;SLC10A1;Sodium/bile acid cotransporter;GIG29;Cell growth-inhibiting gene 29 protein;Na(+)/bile acid cotransporter;Na(+)/taurocholate transport protein;Sodium/taurocholate cotransporting polypeptide;Solute carrier family 10 member 1
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein.
Tissue Specificity	Brain,Liver,
Function	function:The hepatic sodium/bile acid uptake system exhibits broad substrate specificity and transports various non-bile acid organic compounds as well. It is strictly dependent on the extracellular presence of sodium.,similarity:Belongs to the sodium:bile acid symporter family.,
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. [provided by RefSeq, Oct 2011],

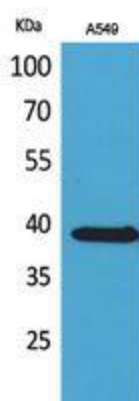
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using NTCP Monoclonal Antibody