



SO4C1 rabbit pAb

Catalog No	YP-Ab-09030
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	SLCO4C1 OATP4C1 OATPX SLC21A20
Immunogen	Synthesized peptide derived from human SO4C1 AA range: 77-127
Specificity	This antibody detects endogenous levels of SO4C1 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SO4C1; SLCO4C1 OATP4C1 OATPX SLC21A20
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Basolateral cell membrane ; Multi-pass membrane protein . Detected at the basolateral membrane of the proximal tubule cell in the kidney. .
Tissue Specificity	Predominantly expressed in kidney but also weakly expressed in both fetal liver and kidney.
Function	function: Organic anion transporter, capable of transporting pharmacological substances such as digoxin, ouabain, thyroxine, methotrexate and cAMP. May participate in the regulation of membrane transport of ouabain. Involved in the uptake of the dipeptidyl peptidase-4 inhibitor sitagliptin and hence may play a role in its transport into and out of renal proximal tubule cells. May be involved in the first step of the transport pathway of digoxin and various compounds into the urine in the kidney. May be involved in sperm maturation by enabling directed movement of organic anions and compounds within or between cells. This ion-transporting process is important to maintain the strict epididymal homeostasis necessary for sperm maturation. May have a role in secretory functions since seminal vesicle epithelial cells are assumed to secrete proteins involved in



decapacitation by modifying surfac

Background

SLCO4C1 belongs to the organic anion transporter (OATP) family. OATPs are involved in the membrane transport of bile acids, conjugated steroids, thyroid hormone, eicosanoids, peptides, and numerous drugs in many tissues (Mikkaichi et al., 2004 [PubMed 14993604]).[supplied by OMIM, Mar 2008],

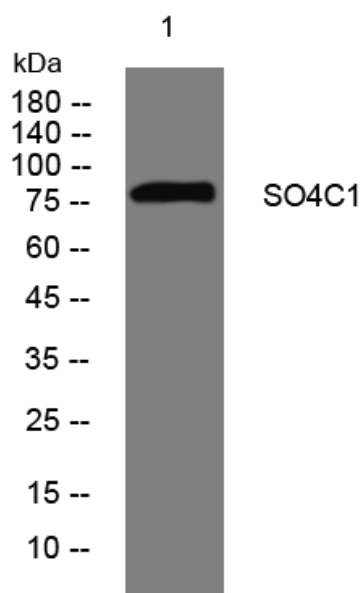
matters needing attention

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 lysates from HeLa cells, primary antibody was diluted at 1:1000, 4° over night