



Rabbit Anti-Slco1a1 antibody

SL0607R

Product Name:	Slco1a1
Chinese Name:	溶质载体有机阴离子Transporter家族成员1A1抗体
Alias:	OATP-1; Organic anion-transporting polypeptide 1; SO1A1_RAT; Sodium-independent organic anion transporter 1; Solute carrier family 21 member 1; Solute carrier organic anion transporter family member 1A1.
文献引用 PubMed :	<p>Specific References(3) SL0607R has been referenced in 3 publications.</p> <p>[IF=3.30]Xu C, Zhu L, Chan T, Lu X, Shen W, et al. (2015) The Altered Renal and Hepatic Expression of Solute Carrier Transporters (SLCs) in Type 1 Diabetic Mice. PLoS ONE 10(3): e0120760.WB;Mouse. PubMed:25789863</p> <p>[IF=5.23]Enoki, Yuki, et al. "Indoxyl sulfate potentiates skeletal muscle atrophy by inducing the oxidative stress-mediated expression of myostatin and atrogin-1." Scientific Reports 6 (2016): 32084.WB;Mouse. PubMed:27549031</p> <p>[IF=2.76]Zhu, Liran, et al. "Saponins extracted from Dioscorea collettii rhizomes regulate the expression of urate transporters in chronic hyperuricemia rats." Biomedicine & Pharmacotherapy 93 (2017): 88-94.IHC-P;Rat. PubMed:28624426</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Mouse,Rat,
Applications:	WB=1:500-2000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications.

	optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	74kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from rat Slco1a1:2-90/670<Cytoplasmic>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>mediates the transport of sulfated, amidated bile acid, sulfolithocholytaurine, into rat hepatocytes</p> <p>Function: Mediates the Na(+)-independent transport of organic anions such as bromosulfobromophthalein (BSP) and conjugated (taurocholate) and unconjugated (cholate) bile acids.</p> <p>Subunit: Binds to PDZK1. Interaction with PDZK1 is required for expression on hepatocyte surface.</p> <p>Subcellular Location: Basolateral cell membrane</p> <p>Tissue Specificity: Highly expressed in liver and kidney, and at lower levels in brain, lung, skeletal muscle and proximal colon.</p> <p>Post-translational modifications: Glycosylated.</p> <p>Similarity: Belongs to the organo anion transporter (TC 2.A.60) family. [SIMILARITY] Contains 1 Kazal-like domain.</p> <p>SWISS: P46720</p> <p>Gene ID: 50572</p>

Database links:

[Entrez Gene: 28248](#)Mouse

[Entrez Gene: 50572](#)Rat

[SwissProt: Q9QXZ6](#)Mouse

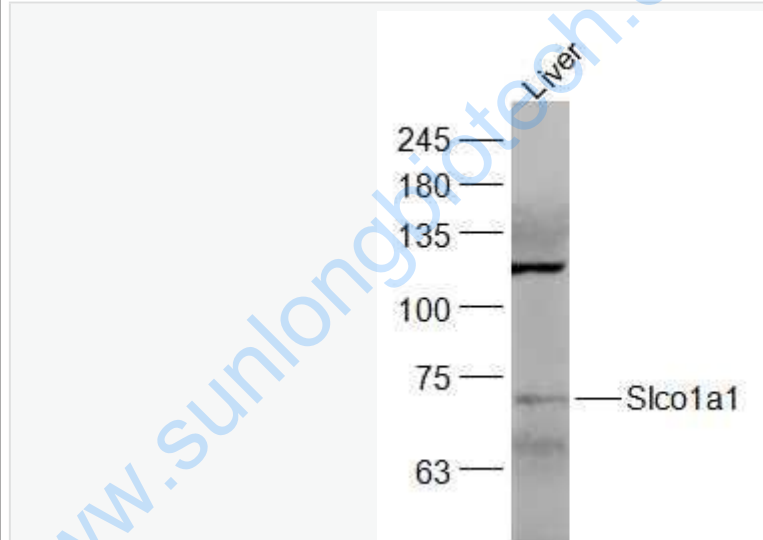
[SwissProt: P46720](#)Rat

[Unigene: 231253](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

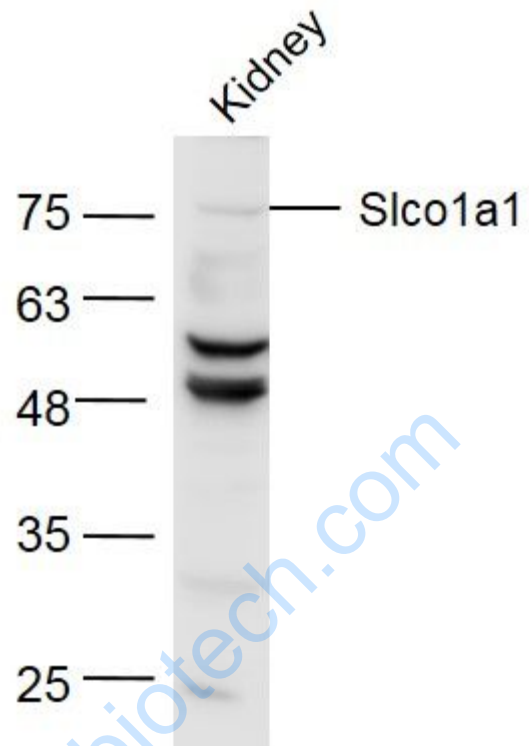
Liver (Mouse) Lysate at 40 ug

Primary: Anti-Slco1a1 (SL0607R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 74 kD

Observed band size: 73 kD



Sample:

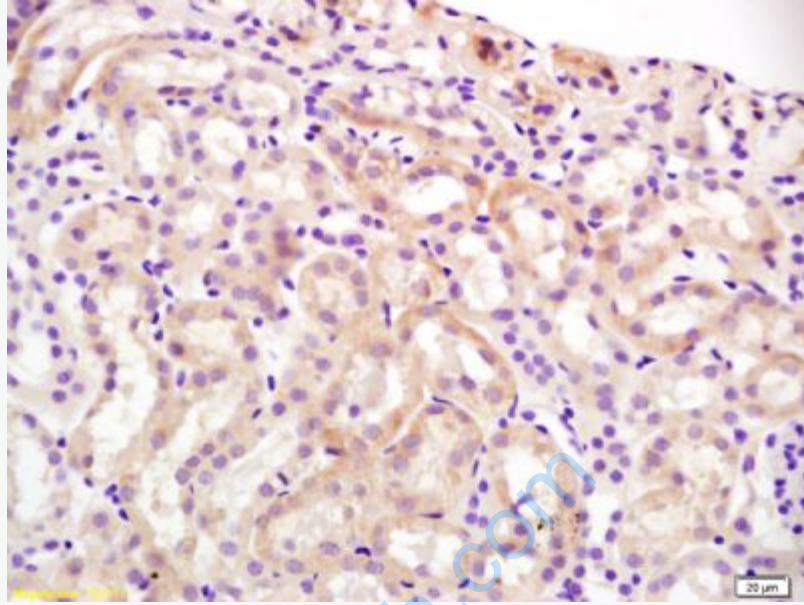
Kidney (Mouse) Lysate at 40 ug

Primary: Anti-Slco1a1 (SL0607R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 74 kD

Observed band size: 74 kD



Tissue/cell: mouse kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-OATP-1/Slco1a1 Polyclonal Antibody, Unconjugated(SL0607R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining