

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.

Research Area Transporter

Immunogen Species Rabbit

Clonality Polyclonal

React Species Mouse, Rat,
WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 74kDa

Cellular localization The cell membrane

Form 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

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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

PubMed [PubMed](#)

mediates the transport of sulfated, amidated bile acid, sulfolithocholytaurine, into rat hepatocytes

Function:

Mediates the Na(+)-independent transport of organic anions such as bromosulfobromophthalein (BSP) and conjugated (taurocholate) and unconjugated (cholate) bile acids.

Subunit:

Binds to PDZK1. Interaction with PDZK1 is required for expression on hepatocyte surface.

Subcellular Location:

Basolateral cell membrane

Tissue Specificity:

Highly expressed in liver and kidney, and at lower levels in brain, lung, skeletal muscle and proximal colon.

Post-translational modifications:

Glycosylated.

Similarity:

Belongs to the organo anion transporter (TC 2.A.60) family.
[SIMILARITY] Contains 1 Kazal-like domain.

SWISS:

P46720

Gene ID:

50572

Database links:

[Entrez Gene: 28248](#) Mouse

[Entrez Gene: 50572](#) Rat

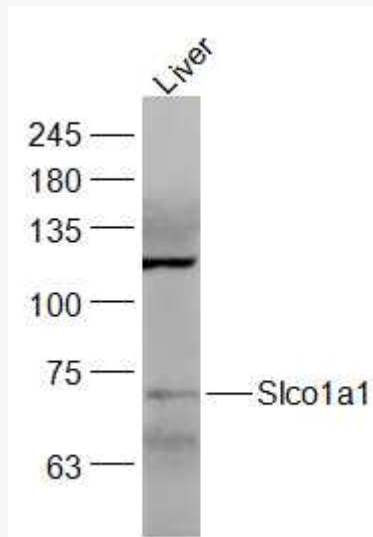
[SwissProt: Q9QXZ6](#) Mouse

[SwissProt: P46720](#) Rat

[Unigene: 231253](#) Rat

**Product
Detail**

**Product
Picture**



Sample:

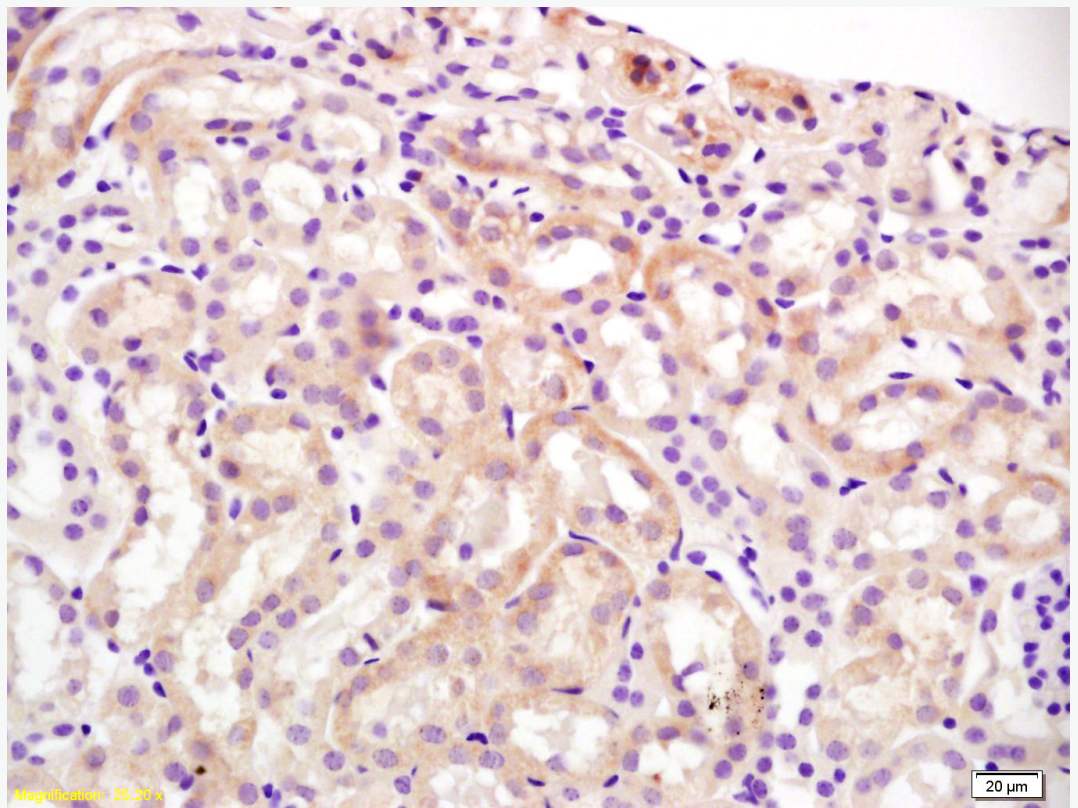
Liver (Mouse) Lysate at 40 ug

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



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

Antigen retrieval: citrate buffer (1M, 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