

Datasheet for ABIN670791

**anti-Slco1a1 antibody (AA 2-90)****3** Images**5** Publications[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Slco1a1
Binding Specificity:	AA 2-90
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Slco1a1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from rat Slco1a1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	Slco1a1
Alternative Name:	Slco1a1 ( <a href="#">Slco1a1 Products</a> )

## Target Details

Background:	Synonyms: Oatp1, OATP-1, Slc21a1, Slc21a3, Solute carrier organic anion transporter family member 1A1, Organic anion-transporting polypeptide 1, Sodium-independent organic anion transporter 1, Solute carrier family 21 member 1, Slco1a1, Oatp1a1  Background: Mediates the Na(+)-independent transport of organic anions such as bromosulfobromophthalein (BSP) and conjugated (taurocholate) and unconjugated (cholate) bile acids.
Gene ID:	50572
UniProt:	<a href="#">P46720</a>

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Publications

Product cited in:	Zhu, Dong, Na, Han, Wei, Chen: "Saponins extracted from Dioscorea collettii rhizomes regulate
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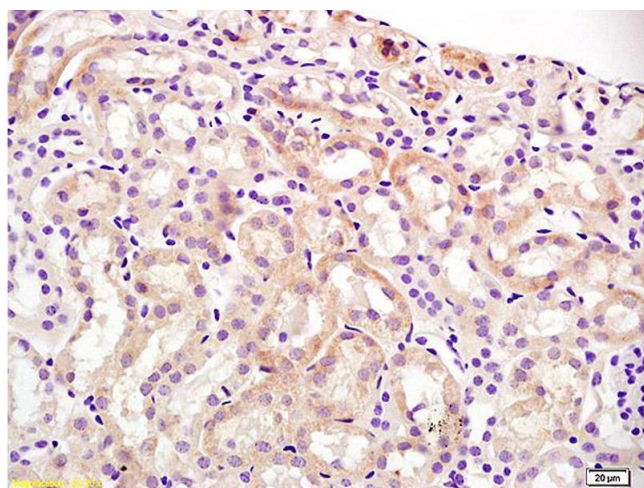
the expression of urate transporters in chronic hyperuricemia rats." in: **Biomedicine & pharmacotherapy**, Vol. 93, pp. 88-94, (2017) ([PubMed](#)).

Pang, Fang, Chen, Zhu, Shan, Su, Yu, Li, Yang, Chen, Liang, Hu, Lv: "Gypenosides Inhibits Xanthine Oxidoreductase and Ameliorates Urate Excretion in Hyperuricemic Rats Induced by High Cholesterol and High Fat Food (Lipid Emulsion)." in: **Medical science monitor : international medical journal of experimental and clinical research**, Vol. 23, pp. 1129-1140, (2017) ([PubMed](#)).

Enoki, Watanabe, Arake, Sugimoto, Imafuku, Tominaga, Ishima, Kotani, Nakajima, Tanaka, Matsushita, Fukagawa, Otagiri, Maruyama: "Indoxyl sulfate potentiates skeletal muscle atrophy by inducing the oxidative stress-mediated expression of myostatin and atrogen-1." in: **Scientific reports**, Vol. 6, pp. 32084, (2016) ([PubMed](#)).

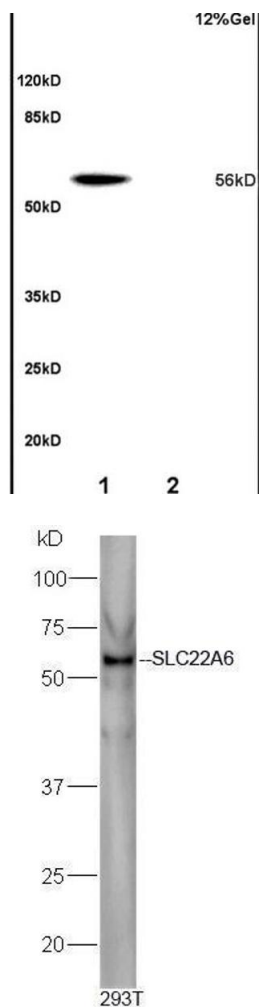
Xu, Zhu, Chan, Lu, Shen, Gillies, Zhou: "The Altered Renal and Hepatic Expression of Solute Carrier Transporters (SLCs) in Type 1 Diabetic Mice." in: **PLoS ONE**, Vol. 10, Issue 3, pp. e0120760, (2015) ([PubMed](#)).

## Images



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded mouse kidney labeled with Anti OAT-1/SLC22A6 Polyclonal Antibody, Unconjugated (ABIN670791) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



SDS-PAGE

**Image 2.** Lane 1: mouse liver lysates Lane 2: rat brain lysates probed with Anti OAT-1/SLC22A6 Polyclonal Antibody, Unconjugated (ABIN670791) at 1:200 overnight at 4 °C. Followed by conjugation to secondary antibody at 1:3000 for 90 min at 37 °C. Predicted band 61kD. Observed band size: 56kD.

Western Blotting

**Image 3.** 293T cell lysates probed with Rabbit Anti-Slco1a1 Polyclonal Antibody, Unconjugated at 1:500 for 90 min at 37°C.