SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-SLC22A7 antibody

SL19808R

Product Name:	SLC22A7
Chinese Name:	溶质载体家族蛋白22成员A7抗体
Alias:	hOAT2; liver specific transporter; NLT; Novel liver transporter; OAT2; Organic anion transporter 2; Organic anion transporter member 7; Organic anion transporter member 7 Fragment; S22A7_HUMAN; SLC22A7; solute carrier family 22 (organic anion transporter) member 7; Solute carrier family 22; Solute carrier family 22 member 7.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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:	60kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SLC22A7:461-548/548
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:	The protein encoded by this gene is involved in the sodium-independent transport and excretion of organic anions, some of which are potentially toxic. The encoded protein is an integral membrane protein and appears to be localized to the basolateral membrane of the kidney. Alternatively spliced transcript variants encoding different isoforms have

been described. [provided by RefSeq, Jul 2008]

Function:
Mediates sodium-independent multispecific organic anion transport. Transport of prostaglandin E2, prostaglandin F2, tetracycline, bumetanide, estrone sulfate, glutarate, dehydroepiandrosterone sulfate, allopurinol, 5-fluorouracil, paclitaxel, L-ascorbic acid, salicylate, ethotrexate, and alpha-ketoglutarate.

Subcellular Location:
Basolateral cell membrane. Apical side of the renal tubule.

Tissue Specificity:
Expressed in liver and kidney.

Similarity:
Belongs to the major facilitator (TC 2.A.1) superfamily. Organic cation transporter (TC 2.A.1.19) family.

SWISS:
Q9Y694

Gene ID:
10864

Database links:

Entrez Gene: 10864 Human

Entrez Gene: 108114 Mouse

Entrez Gene: 733693 Pig

Entrez Gene: 89776 Rat

Omim: 604995 Human

SwissProt: Q9Y694 Human

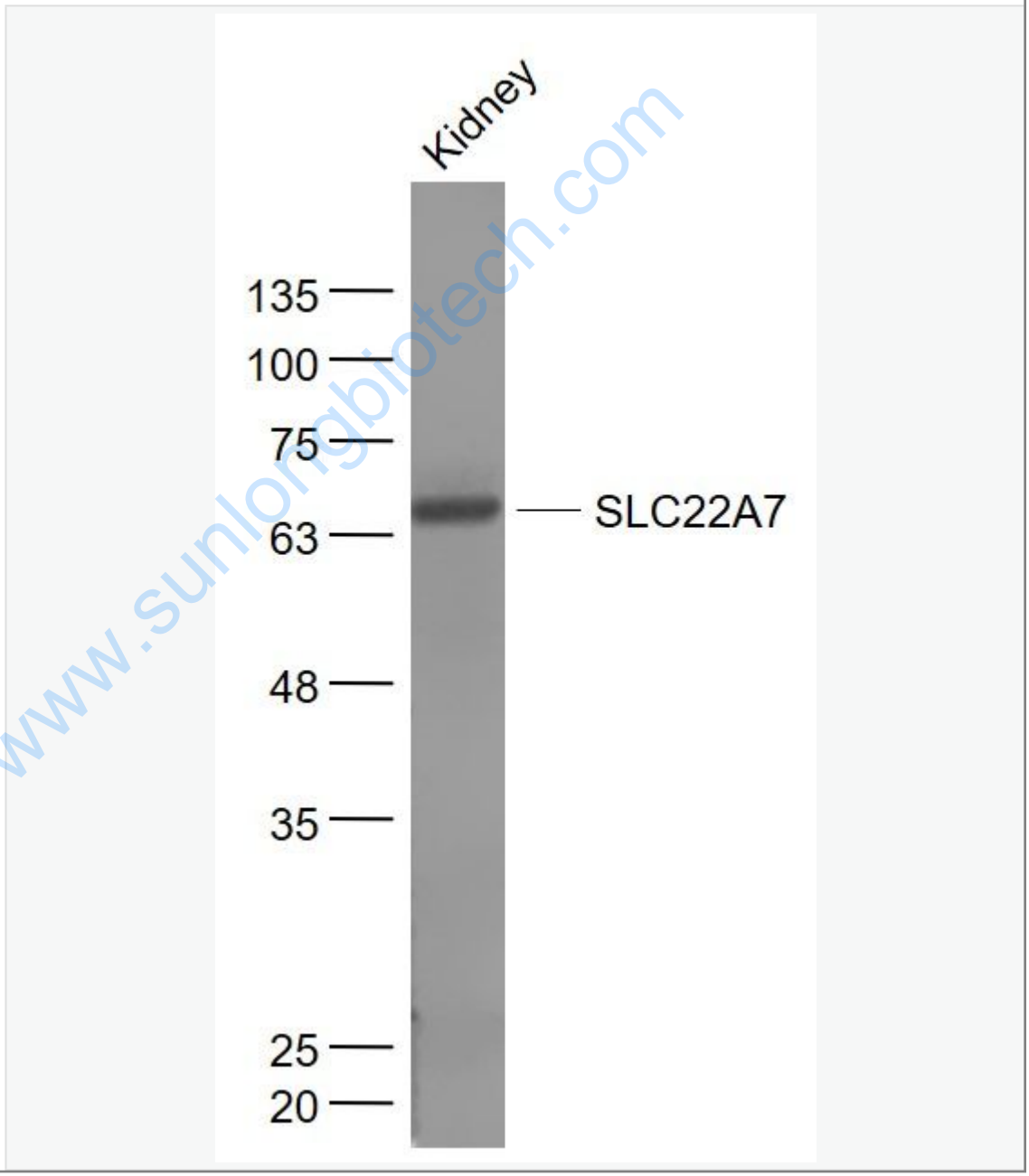
SwissProt: Q91WU2 Mouse

SwissProt: Q1RPP5 Pig

SwissProt: Q5RLM2 Rat

SwissProt: Q63314 Rat

Unigene: 485438 Human

	Unigene: 387538 Mouse Unigene: 10009 Rat **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	

	Sample: Kidney (Mouse) Lysate at 40 ug Primary: Anti- SLC22A7 (SL19808R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 60 kD Observed band size: 64 kD