Datasheet for ABIN2775547

anti-SLC22A7 antibody (C-Term)

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Overview

Quantity:	100 µL
Target:	SLC22A7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Cow, Dog, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC22A7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SLC22A7
Sequence:	LSLPKLTYGG IALLAAGTAL LLPETRQAQL PETIQDVERK SAPTSLQEEE
Predicted Reactivity:	Cow: 93%, Dog: 91%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLC22A7. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	SLC22A7

Target Details

Alternative Name:	SLC22A7 (SLC22A7 Products)
Background:	SLC22A7 is involved in the sodium-independent transport and excretion of organic anions, some of which are potentially toxic. The protein is an integral membrane protein and appears to be localized to the basolateral membrane of the kidney.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.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. Alias Symbols: MGC24091, MGC45202, NLT, OAT2 Protein Size: 235
Molecular Weight:	26 kDa
Gene ID:	10864
NCBI Accession:	NM_153320, NP_696961
UniProt:	Q9Y694

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 235 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

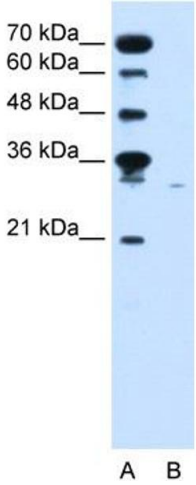
Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

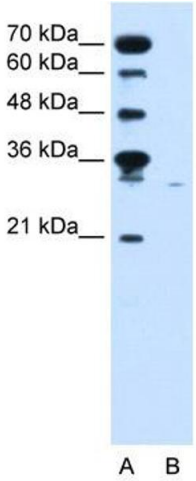
Product cited in:	Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-SLC22A7 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate There is BioGPS gene expression data showing that SLC22A7 is expressed in Jurkat



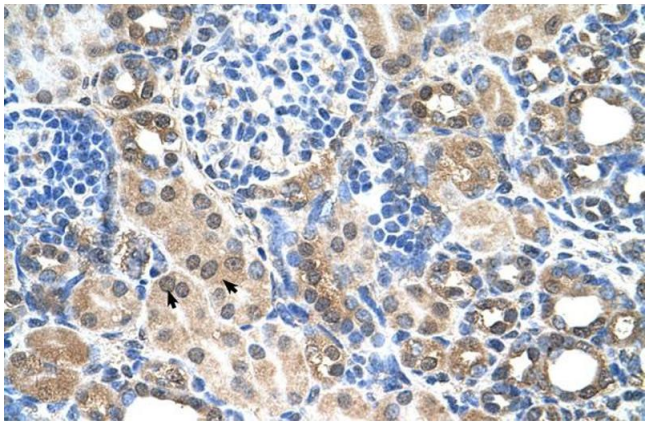
Western Blotting

Image 2. WB Suggested Anti-SLC22A7

Antibody Titration: 0.2-1 µg/mL

Positive Control: Jurkat cell lysate

There is BioGPS gene expression data showing that SLC22A7 is expressed in Jurkat



Immunohistochemistry

Image 3. Human kidney

