antibodies

Datasheet for ABIN2781632 anti-Solute Carrier Organic Anion Transporter Family, Member 3A1 (SLCO3A1) (Middle Region) antibody





Overview

Quantity:	100 µL
Target:	Solute Carrier Organic Anion Transporter Family, Member 3A1 (SLCO3A1)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Zebrafish (Danio rerio), Guinea Pig, Horse, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

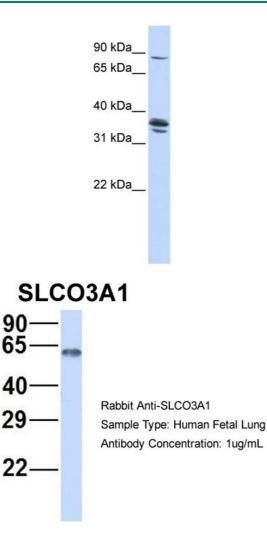
Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SLCO3A1
Sequence:	MEIAVVAGFA AFLGKYLEQQ FNLTTSSANQ LLGMTAIPCA CLGIFLGGLL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against SLCO3A1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	Solute Carrier Organic Anion Transporter Family, Member 3A1 (SLCO3A1)

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Target Details	
Alternative Name:	SLC03A1 (SLC03A1 Products)
Background:	SLCO3A1 mediates the Na+-independent transport of organic anions such as estrone-3-sulfate.
	It mediates transport of prostaglandins (PG) E1 and E2, thyroxine (T4), deltorphin II, BQ-123 and
	vasopressin, but not DPDPE (a derivative of enkephalin lacking an N-terminal tyrosine residue),
	estrone-3-sulfate, taurocholate, digoxin nor DHEAS.
	Alias Symbols: FLJ40478, OATP-D, OATP3A1, SLC21A11, OATPD
	Protein Interaction Partner: PDZD3, SLC9A3R2, SLC9A3R1,
	Protein Size: 710
Molecular Weight:	76 kDa
Gene ID:	28232
NCBI Accession:	NM_013272, NP_037404
UniProt:	Q9UIG8
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 710 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
	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.

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Western Blotting

Image 1. WB Suggested Anti-SLCO3A1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 721_B cell lysate

Western Blotting

Image 2. Host: Rabbit Target Name: SLCO3A1 Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml

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