antibodies

Datasheet for ABIN1386221 anti-Solute Carrier Organic Anion Transporter Family, Member 3A1 (SLC03A1) (AA 101-200) antibody



Overview

Quantity:	100 µL	
Target:	Solute Carrier Organic Anion Transporter Family, Member 3A1 (SLCO3A1)	
Binding Specificity:	AA 101-200	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	Un-conjugated	
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin- embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLCO3A1/OATP-D	
Isotype:	lgG	
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Zebrafish	
Purification:	Purified by Protein A.	
Target Details		
Target:	Solute Carrier Organic Anion Transporter Family, Member 3A1 (SLCO3A1)	
Alternative Name:	SLC03A1/0ATP-D (SLC03A1 Products)	

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Target Details

Background:Synonyms: OATP D, OATP RP3, OATP3A1, OATPD, OATPRP3, Organic anion transporter
polypeptide related protein 3, Organic anion transporting polypeptide D, PGE1 transporter,
SLC21A11, Sodium independent organic anion transporter D, Solute carrier family 21 organic
anion transporter member 11, Solute carrier family 21 member 11, Solute carrier organic anion
transporter family member 3A1, FLJ40478, SO3A1_HUMAN.
Background: The organic anion transporter family of proteins mediate hepatic uptake of cardiac
glycosides. OATP-D is a 710 amino acid member of the organic anion transporter protein
family. As a multi-pass membrane protein, OATP-D mediates the Na+-independent transport of
vasopressin, prostaglandins (PG) E1 and E2, thyroxine (T4), deltorphin II and other organic
anions, but not estrone-3-sulfate, DPDPE, taurocholate, DHEAS or digoxin. OATP-D is
ubiquitously expressed with highest levels present in leukocytes and spleen. OATP-D is
expressed as four isoforms produced by alternative splicing events.

Application Details

Application Notes:	ELISA 1:500-1000	
	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	
	ICC 1:100-500	
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.

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Expiry Date:

12 months

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