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SLC22A9 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15192

Product Information

Application	WB
Primary Accession	Q8IVM8
Other Accession	NM_080866, NP_543142
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62169

Additional Information

Gene ID	114571
Alias Symbol	FLJ23666, HOAT4, OAT4, OAT7, UST3H, ust3
Other Names	Solute carrier family 22 member 9, Organic anion transporter 7, SLC22A9, hOAT4, OAT7, UST3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SLC22A9 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SLC22A9 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

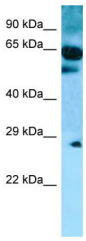
Name	SLC22A9
Synonyms	hOAT4, OAT7, UST3
Function	Sodium-independent organic anion transporter, exhibits high specificity for sulfated conjugates of xenobiotics and steroid hormones such as estrone 3-sulfate (E1S) and dehydroepiandrosterone sulfate (DHEAS) (PubMed:17393504, PubMed:26239079, PubMed:28945155). Can transport the statin pravastatin and may contribute to its disposition into the hepatocytes when the function of OATPs is compromised (PubMed:26239079). It is specifically activated by 3 to 5 carbons- containing short-chain fatty acids/SCFAs, including propionate (propanoate), butyrate

	(butanoate) and valerate (pentanoate) (PubMed:17393504). May operate the exchange of sulfated organic components against short-chain fatty acids/SCFAs, in particular butanoate, at the sinusoidal membrane of hepatocytes (PubMed:17393504).
Cellular Location	Basolateral cell membrane; Multi-pass membrane protein. Note=Enriched at the sinusoidal part of the plasma membrane
Tissue Location	Specifically expressed in liver (also at protein level).

References

Shin H.J.,et al.Hepatology 45:1046-1055(2007).
Engel K.,et al.Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.
Takanaga H.,et al.Submitted (MAY-2001) to the EMBL/GenBank/DDBJ databases.
Guo J.H.,et al.Submitted (OCT-2001) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



WB Suggested Anti-SLC22A9 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.