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SLC22A9 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15192

Specification

SLC22A9 antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q8IVM8
Other Accession	NM_080866, NP_543142
Reactivity	**Human**
Predicted	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**62kDa KDa**

SLC22A9 antibody - C-terminal region - 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.

SLC22A9 antibody - C-terminal region - 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

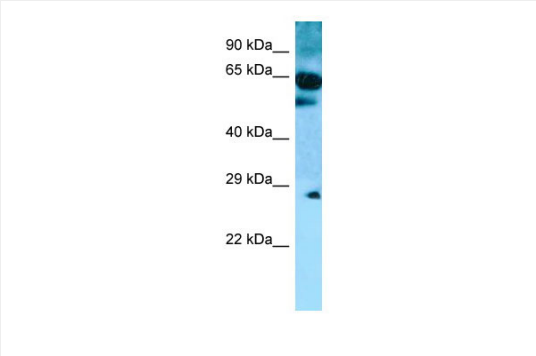
Tissue Location
Specifically expressed in liver (also at protein level).

SLC22A9 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SLC22A9 antibody - C-terminal region - Images



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

SLC22A9 antibody - C-terminal region - 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).