

Product datasheet for **TA346143**

SLC22A1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SLC22A1 antibody: synthetic peptide directed towards the C terminal of human SLC22A1. Synthetic peptide located within the following region: IAIQMICLVNAELYPTFVSGVGPACRGSDATSSRDQGGRFARDHEGRREP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	solute carrier family 22 member 1
Database Link:	NP_694857 Entrez Gene 6580 Human O15245



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Background:

Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. The protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. Two transcript variants encoding two different isoforms have been found for this gene, but only the longer variant encodes a functional transporter.

Synonyms:

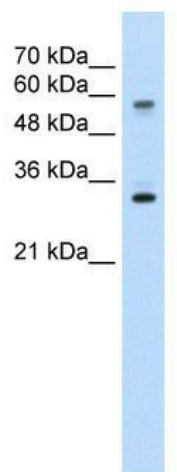
HOCT1; OCT1; oct1_cds

Note:

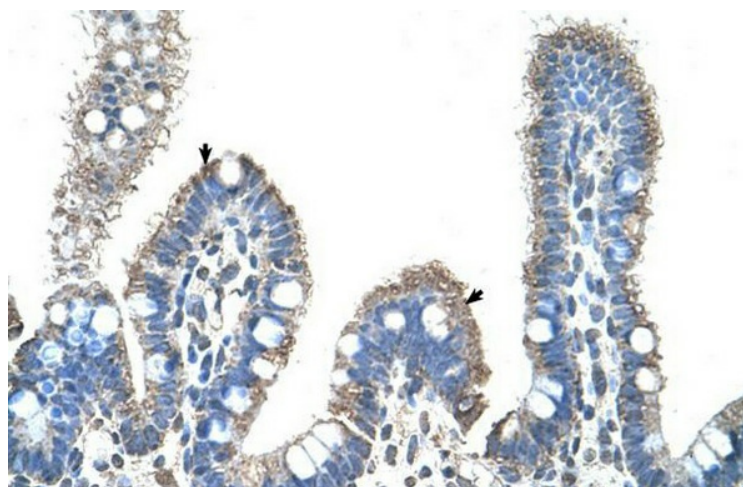
Immunogen Sequence Homology: Human: 100%

Protein Families:

Transmembrane

Product images:

WB Suggested Anti-SLC22A1 Antibody Titration:
5.0 ug/ml; Positive Control: HepG2 cell lysate



Rabbit Anti-SLC22A1 Antibody; Paraffin
Embedded Tissue: Human Intestine; Cellular
Data: Epithelial cells of intestinal villas; Antibody
Concentration: 4.0-8.0 ug/ml; Magnification: 400X