Datasheet for ABIN6990926

anti-SLC22A17 antibody (C-Term)

Go to Product page

Overview

Quantity:	0.1 mg
Target:	SLC22A17
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC22A17 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Slc22A17 antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of the human Slc22A17. The immunogen is located within the last 50 amino acids of Slc22A17.
Isotype:	IgG
Purification:	Slc22A17 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SLC22A17
Alternative Name:	Slc22A17 (SLC22A17 Products)
Background:	Slc22A17 Antibody: The Slc22 family of organic anion and cation transporters (OATs, OCTs,

Target Details

	OCTNs) are transmembrane proteins expressed predominantly in kidney and liver. Each contain 12 predicted alpha-helical transmembrane domains (TMDs) and one large extracellular loop between TMDs 1 and 2. Transporters of the SLC22 family function in different ways such as uniporters that mediate facilitated diffusion in either direction (OCTs), as anion exchangers (OAT1, OAT3 and URAT1), and as Na(+)/l-carnitine cotransporter (OCTN2). Slc22 family members participate in the absorption and/or excretion of drugs, xenobiotics, and endogenous compounds in intestine, liver, and kidney, and perform homeostatic functions in brain and heart. Mutations in the Slc22 family may cause specific diseases such as primary systemic carnitine deficiency or idiopathic renal hypouricemia and may change drug absorption or excretion. Recent studies show the expression of Slc22A17 as receptor for Lipocalin 2 is relatively high in hematopoietic stem cells.
Molecular Weight:	Predicted: 59 kDa Observed: 61 kDa
Gene ID:	51310
UniProt:	Q8WUG5
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Slc22A17 antibody can be used for detection of Slc22A17 by Western blot at 0.5 µ,g/mL. Antibody can also be used for immunoflourescence starting at 20 µ,g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µ,g/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse and rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Slc22A17 Antibody is supplied in PBS containing 0.02 % sodium azide.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,4 °C
Storage Comment:	Slc22A17 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.