Datasheet for ABIN6257510

anti-SLC22A5 antibody (C-Term)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	SLC22A5
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC22A5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human SLC22A5, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	SLC22A5 Antibody detects endogenous levels of total SLC22A5.
Predicted Reactivity:	Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	SLC22A5

Target Details

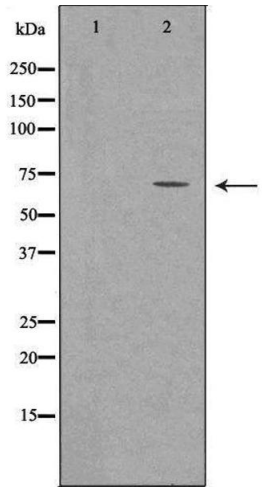
Alternative Name:	SLC22A5 (SLC22A5 Products)
Background:	Description: Sodium-ion dependent, high affinity carnitine transporter. Involved in the active cellular uptake of carnitine. Transports one sodium ion with one molecule of carnitine. Also transports organic cations such as tetraethylammonium (TEA) without the involvement of sodium. Also relative uptake activity ratio of carnitine to TEA is 11.3. Gene: SLC22A5
Molecular Weight:	65 kDa
Gene ID:	6584
UniProt:	O76082

Application Details

Application Notes:	WB 1:500-1:1000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from Rat Heart cells using SLC22A5 antibody.The lane on the left is treated with the antigen-specific peptide.