Datasheet for ABIN6265113

anti-SLC22A4 antibody (C-Term)

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1 Image

Overview

Quantity:	100 µL
Target:	SLC22A4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC22A4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human SLC22A4, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	SLC22A4 Antibody detects endogenous levels of total SLC22A4.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	SLC22A4
Alternative Name:	SLC22A4 (SLC22A4 Products)

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Target Details

Background:	Description: Sodium-ion dependent, low affinity carnitine transporter. Probably transports one sodium ion with one molecule of carnitine. Also transports organic cations such as tetraethylammonium (TEA) without the involvement of sodium. Relative uptake activity ratio of carnitine to TEA is 1.78. A key substrate of this transporter seems to be ergothioneine (ET). Gene: SLC22A4
Molecular Weight:	62 kDa
Gene ID:	6583
UniProt:	Q9H015

Application Details

Application Notes:	WB 1:1000-3000, 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

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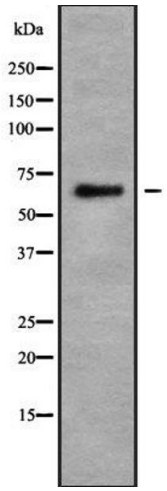

Western Blotting

Image 1. Western blot analysis SLC22A4 using NIH-3T3 whole cell lysates

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