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Datasheet for ABIN7170160
anti-SLC22A5 antibody (AA 42-142)

2 Images

Overview

Quantity:	100 µg
Target:	SLC22A5
Binding Specificity:	AA 42-142
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC22A5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Solute carrier family 22 member 5 protein (42-142AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SLC22A5
Alternative Name:	SLC22A5 (SLC22A5 Products)
Background:	Background: 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

Target Details

transports organic cations such as tetraethylammonium (TEA) without the involvement of sodium. Also relative uptake activity ratio of carnitine to TEA is 11.3.

Aliases: CDSP antibody, High-affinity sodium-dependent carnitine cotransporter antibody, OCTN2 antibody, OCTN2VT antibody, Organic cation/carnitine transporter 2 antibody, S22A5_HUMAN antibody, Slc22a5 antibody, Solute carrier family 22 (organic cation/carnitine transporter) member 5 antibody, Solute carrier family 22 member 5 antibody

UniProt: [O76082](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

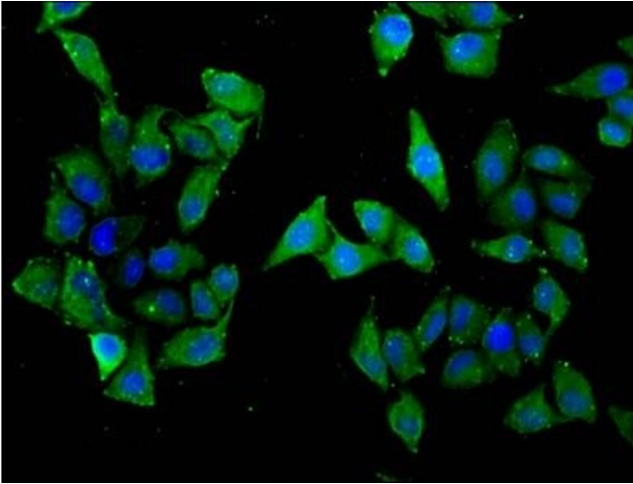
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

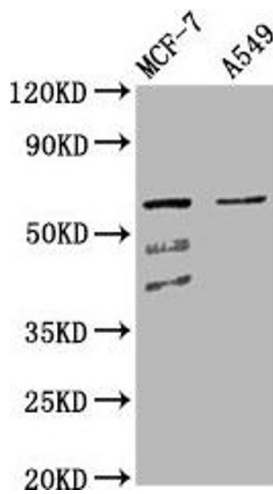
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HeLa cells with ABIN7170160 at 1:33, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: MCF-7 whole cell lysate, A549 whole cell lysate All lanes: SLC22A5 antibody at 4.3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 63, 25, 66 kDa Observed band size: 63 kDa