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anti-SLC22A5 antibody



Image



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Overview

Quantity:	60 μL
Target:	SLC22A5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human SLC22A5 (NP_003051.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	SLC22A5
Alternative Name:	SLC22A5 (SLC22A5 Products)
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 encoded protein is a plasma integral membrane protein which functions both as an organic cation transporter and as a sodium-dependent high affinity
	carnitine transporter. The encoded protein is involved in the active cellular uptake of carnitine.

Target Details

Mutations in this gene are the cause of systemic primary carnitine deficiency (CDSP), an autosomal recessive disorder manifested early in life by hypoketotic hypoglycemia and acute metabolic decompensation, and later in life by skeletal myopathy or cardiomyopathy.

Alternative splicing of this gene results in multiple transcript variants.

Application Details

076082

Application Notes: IF 1:50-1:200

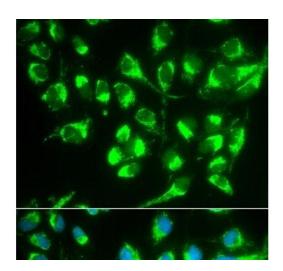
Restrictions: For Research Use only

Handling

Gene ID:

UniProt:

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of MCF-7 cells using SLC22A5 Polyclonal Antibody