antibodies -online.com





anti-SLC22A5 antibody

2 Images



Go to Product page

Overview

Quantity:	200 μL
Target:	SLC22A5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC22A5 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

lmmunogen:	Recombinant protein of human SLC22A5
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

Target Details

carnitine transporter. The encoded protein is involved in the active cellular uptake of carnitine. 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.

Gene ID:

6584

UniProt:

076082

Application Details

Application Notes:

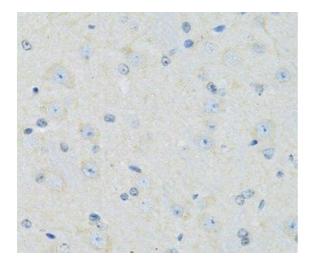
IHC 1:50-1:200

Restrictions:

For Research Use only

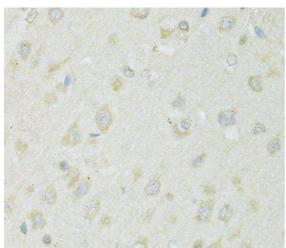
Handling

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.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Mouse brain using SLC22A5 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Rat brain using SLC22A5 Polyclonal Antibody at dilution of 1:100 (40x lens).