Product Datasheet

SLC22A5 Antibody

Catalog No: #32381

Package Size: #32381-1 50ul #32381-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	SLC22A5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total SLC22A5 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human SLC22A5 (NP_003051.1).
Target Name	SLC22A5
Other Names	SLC22A5;CDSP;OCTN2
Accession No.	Uniprot:O76082GeneID:6584
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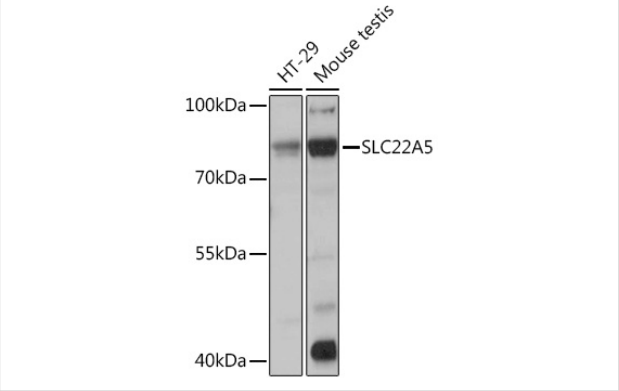
GeneID	6584
SDS-PAGE MW	70kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB□1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using SLC22A5 Rabbit pAb.

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. 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.

Note: This product is for in vitro research use only