

For Research Use Only

SLC22A3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87757-1-PBS



Basic Information

Catalog Number:

87757-1-PBS

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_021977

GeneID (NCBI):

6581

UNIPROT ID:

O75751

Full Name:

solute carrier family 22
(extraneuronal monoamine
transporter), member 3

Calculated MW:

61KD

Observed MW:

61 kDa

Purification Method:

Protein A purification

CloneNo.:

253195B7

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Solute carrier family 22 member 3 (SLC22A3) is also named Extraneuronal monoamine transporter (EMT) and Organic cation transporter 3 (OCT3). It belongs to the SLC22 transporter family. SLC22A3 is a high-capacity, low-affinity transporter for the neurotransmitters norepinephrine, epinephrine, dopamine, serotonin, and histamine. SLC22A3 plays important roles in interorgan and interorganism small-molecule communication, and also regulates local and overall homeostasis in the body (PMID: 37626799). OCT3 is more widely expressed than OCT1 and OCT2. OCT3 expression is widespread and can be found in the skeletal muscle, heart, brain, placenta, cornea, retina, iris, liver, kidney, and vascular endothelial cells (PMID: 29309257, PMID: 2169772).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

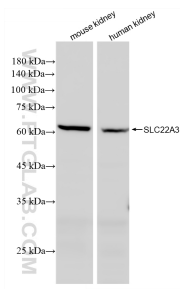
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87757-1-RR (SLC22A3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87757-1-PBS in a different storage buffer formulation.