

For Research Use Only

SLC16A4 Polyclonal antibody, PBS Only

Catalog Number: 20889-1-PBS



Basic Information

Catalog Number:

20889-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14190

GenBank Accession Number:

BC021664

GeneID (NCBI):

9122

UNIPROT ID:

O15374

Full Name:

solute carrier family 16, member 4 (monocarboxylic acid transporter 5)

Calculated MW:

487 aa, 54 kDa

Observed MW:

45-50 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

SLC16A4, also named as MCT5, is a proton-linked monocarboxylate transporter which can catalyze the rapid transport across the plasma membrane of many monocarboxylates. It has been reported that SLC16A4 is expressed in human intestine, liver and kidney. (PMID:18996437)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

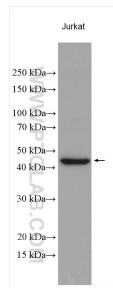
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

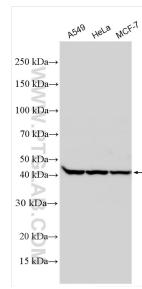
E: proteintech@ptglab.com
W: ptglab.com

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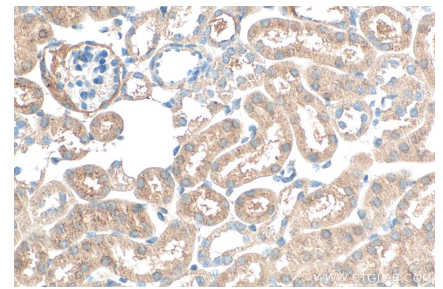
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20889-1-AP (SLC16A4 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20889-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 20889-1-AP (SLC16A4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 20889-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 20889-1-AP (SLC16A4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 20889-1-PBS in a different storage buffer formulation.