

For Research Use Only

SLC16A4 Polyclonal antibody

Catalog Number: 20889-1-AP **2 Publications**



Basic Information

Catalog Number:

20889-1-AP

Size:

280 µg/ml

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:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : Jurkat cells,

IHC : human stomach cancer tissue,

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)

Notable Publications

Author	Pubmed ID	Journal	Application
Bin Zhang	32987196	Int J Biochem Cell Biol	WB
Xiaoliang Han	37098982	Arq Bras Cardiol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

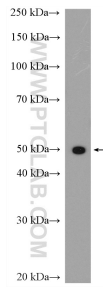
T: 4006900926

E: Proteintech-CN@ptglab.com

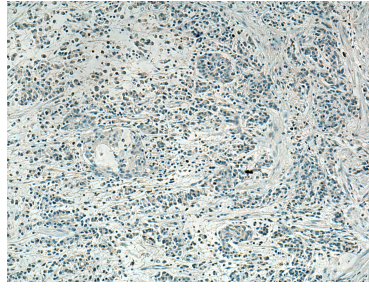
W: ptgcn.com

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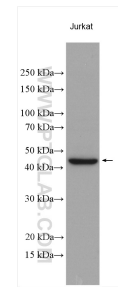
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 20889-1-AP (SLC16A4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 20889-1-AP (SLC16A4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.