For Research Use Only

SLC7A6 Polyclonal antibody

Catalog Number: 13823-1-AP 5 Publications



Basic Information

Catalog Number:

GenBank Accession Number:

Antigen affinity purification

Purification Method:

13823-1-AP

GeneID (NCBI):

Size:

Recommended Dilutions:

150ul, Concentration: 550 ug/ml by Nanodrop;

UNIPROT ID:

BC028216

WB: 1:500-1:1000 IHC: 1:50-1:500

Rabbit

Q92536 Full Name:

Isotype:

solute carrier family 7 (cationic

amino acid transporter, y+ system),

Immunogen Catalog Number: AG4924

IgG

member 6

Calculated MW: 515 aa, 57 kDa

Observed MW:

57 kDa

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity: human, mouse

Cited Species:

human, chicken

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: HUVEC cells, NIH/3T3 cells

IHC: human colon cancer tissue, human prostate

cancer tissue

Notable Publications

Author	Pubmed ID	Journal	Application
Yun Hu	35936908	Front Physiol	WB
Zhigang Huang	39733689	Neoplasia	WB,IHC
Yun Hu	39031082	J Anim Sci	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

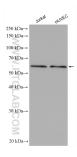
*** 20ul sizes contain 0.1% BSA

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

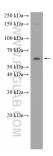
W: ptglab.com

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

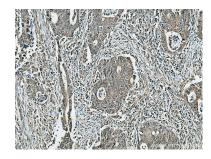
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13823-1-AP (SLC7A6 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 13823-1-AP (SLC7A6 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded human colon cancer tissue slide using 13823-1-AP (SLC7A6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).