

For Research Use Only

# SLC7A5 Polyclonal antibody

Catalog Number: 13752-1-AP

Featured Product

16 Publications



## Basic Information

<b>Catalog Number:</b> 13752-1-AP	<b>GenBank Accession Number:</b> BC039692	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 550 µg/ml by Nanodrop and 413 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8140	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> solute carrier family 7 (cationic amino acid transporter, y+ system), member 5	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 507 aa, 55 kDa	
<b>Immunogen Catalog Number:</b> AG4694	<b>Observed MW:</b> 45-50 kDa	

## Applications

### Tested Applications:

IHC, WB, ELISA

### Cited Applications:

IF, IHC, WB

### Species Specificity:

human, mouse

### Cited Species:

cow, 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:** mouse lung tissue, human placenta tissue, MCF-7 cells

**IHC:** human lung tissue, mouse lung tissue, mouse liver tissue, human testis tissue, human stomach cancer tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Gommaar D'Hulst	36252815	Mol Metab	WB
Zi-Jian Zhang	34712611	Front Oncol	WB,IF
Asmita Gyawali	33000451	Mol Neurobiol	IHC,IF

## 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

\*\*\* 20ul sizes contain 0.1% BSA

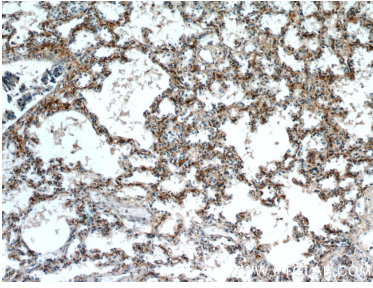
For technical support and original validation data for this product please contact:

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

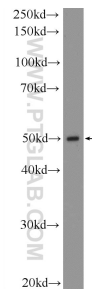
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung using 13752-1-AP (SLC7A5 antibody) at dilution of 1:50 (under 10x lens).



mouse lung tissue were subjected to SDS PAGE followed by western blot with 13752-1-AP (SLC7A5 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.