

For Research Use Only

# SLC7A13 Recombinant antibody

Catalog Number: 86078-1-RR



## Basic Information

Catalog Number:	86078-1-RR	GenBank Accession Number:	BC125165	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	157724	CloneNo.:	250062A4
Source:	Rabbit	UNIPROT ID:	Q8TCU3	Recommended Dilutions:	WB: 1:2000-1:10000 IP: 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype:	IgG	Full Name:	solute carrier family 7, (cationic amino acid transporter, y <sup>+</sup> system) member 13		
		Calculated MW:	470 aa, 52 kDa		
		Observed MW:	55 kDa		

## Applications

Tested Applications:	WB, IP, ELISA	Positive Controls:	
Species Specificity:	human, mouse	WB:	37°C incubated mouse kidney tissue,

IP: mouse kidney tissue,

## Background Information

SLC7A13 (also named AGT1 or XAT2) may enable L-amino acid transmembrane transporter activity. It may be involved in L-cystine transport; L-glutamate transmembrane transport; and aspartate transmembrane transport.

## Storage

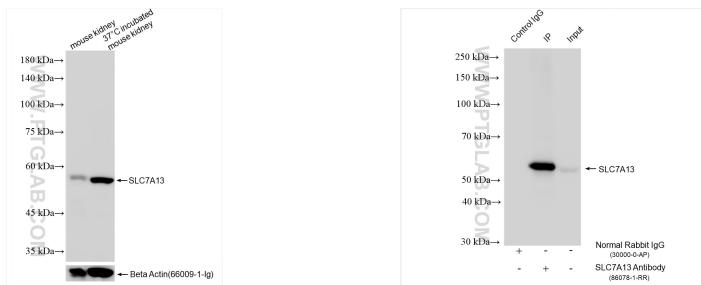
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

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



Various lysates were subjected to SDS PAGE followed by western blot with 86078-1-RR (SLC7A13 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.

IP result of anti-SLC7A13 (IP:86078-1-RR, 4ug; Detection:86078-1-RR 1:1000) with mouse kidney tissue lysate 3400 ug.