

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
Concentration:	1000 µg/ml	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 ⁺ 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

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

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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.