

For Research Use Only

SLC17A5 Polyclonal antibody

Catalog Number: 13320-1-AP **1 Publications**



Basic Information

Catalog Number:

13320-1-AP

Size:

133 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3855

GenBank Accession Number:

BC020961

GeneID (NCBI):

26503

UNIPROT ID:

Q9NRA2

Full Name:

solute carrier family 17 (anion/sugar transporter), member 5

Calculated MW:

495 aa, 55 kDa

Observed MW:

31 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

ELISA

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : human kidney tissue, HEK-293 cells

Background Information

SLC17A5 encodes a transmembrane protein, sialin, which transports free sialic acid across the lysosomal membrane. Mutations in sialin result in neurodegenerative sialic acid storage disorders, Salla disease (SD) and infantile sialic acid storage disease (ISSD). In the central nervous system, sialin is more abundant in neurons than in glia. It has been reported to be localized into lysosome in neuron but in plasma membrane in nonneuronal cells (PMID: 15006695).

Notable Publications

Author	Pubmed ID	Journal	Application
Tao Zhu	35978996	Evid Based Complement Alternat Med	ELISA

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:

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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



human kidney tissue were subjected to SDS PAGE followed by western blot with 13320-1-AP (SLC17A5 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.