

For Research Use Only

SLC17A5 Polyclonal antibody

Catalog Number: 13320-1-AP



Basic Information

Catalog Number: 13320-1-AP	GenBank Accession Number: BC020961	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 26503	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: solute carrier family 17 (anion/sugar transporter), member 5	
Isotype: IgG	Calculated MW: 495 aa, 55 kDa	
Immunogen Catalog Number: AG3855	Observed MW: 31 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human kidney tissue, HEK-293 cells
Species Specificity: human, mouse, rat	

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).

Storage

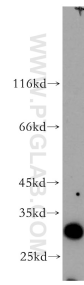
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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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.