

For Research Use Only

SLC13A3 Polyclonal antibody

Catalog Number: 26182-1-AP **1 Publications**



Basic Information

Catalog Number: 26182-1-AP	GenBank Accession Number: BC035966	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 650 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 64849	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3	
Isotype: IgG	Calculated MW: 602 aa, 67 kDa	
Immunogen Catalog Number: AG24183	Observed MW: 55-60 kDa	

Applications

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

Background Information

SLC13A3, also named NADC3 and SDCT2, belongs to the SLC13A/DASS transporter (TC 2.A.47) family and NADC subfamily. SLC13A3 encodes the plasma membrane Na⁺/Dicarboxylate Cotransporter 3 (NaDC3), which imports inside the cell four to six carbon dicarboxylates as well as N-acetylaspartate (NAA). SLC13A3 is mainly expressed in kidney, but also in brain, liver, placenta and eye (PMID: 30635937). This antibody detected the 55-60 kDa band in SDS-PAGE. However, the 55 kDa (nonglycosylated) and 85 kDa (glycosylated) bands have been reported in the article (PMID: 27053689).

Notable Publications

Author	Pubmed ID	Journal	Application
Anja Weber	30037119	Int J Mol Sci	WB

Storage

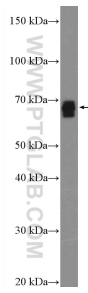
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 26182-1-AP (SLC13A3 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.