

For Research Use Only

SLC13A3 Polyclonal antibody, PBS Only

Catalog Number: 26184-1-PBS



Basic Information

Catalog Number: 26184-1-PBS	GenBank Accession Number: BC035966	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 64849	
Source: Rabbit	UNIPROT ID: Q8WWT9	
Isotype: IgG	Full Name: solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3	
Immunogen Catalog Number: AG24182	Calculated MW: 602 aa, 67 kDa	
	Observed MW: 65-70 kDa	

Applications

Tested Applications:
WB, IHC, IP, ELISA

Species Specificity:
human, mouse

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).

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

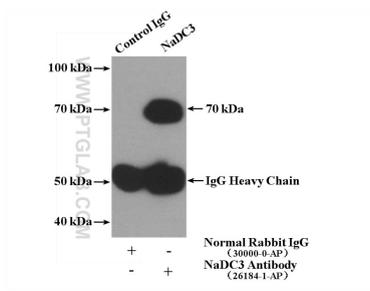
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

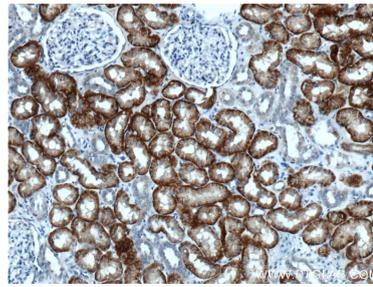
E: proteintech@ptglab.com
W: ptglab.com

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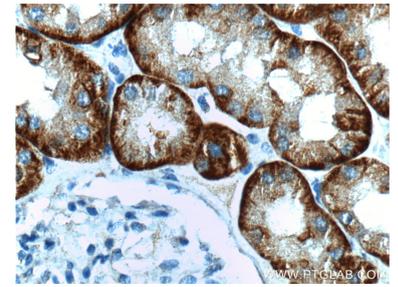
Selected Validation Data



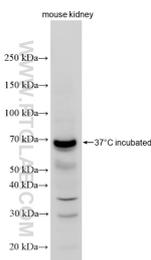
IP result of anti-SLC13A3 (IP:26184-1-AP, 4ug; Detection:26184-1-AP 1:500) with mouse kidney tissue lysate 4000ug. This data was developed using the same antibody clone with 26184-1-PBS in a different storage buffer formulation.



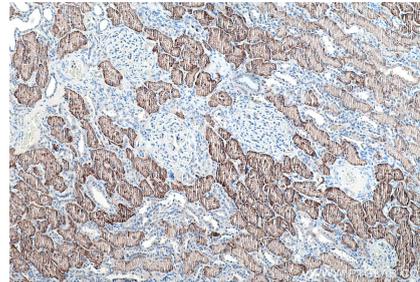
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26184-1-AP (NaDC3 antibody at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 26184-1-PBS in a different storage buffer formulation.



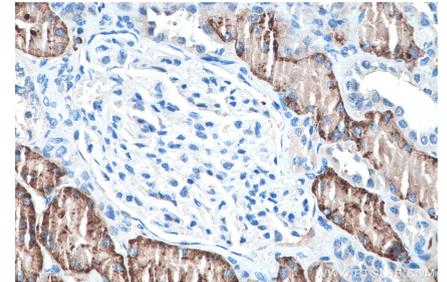
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26184-1-AP (NaDC3 antibody at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 26184-1-PBS in a different storage buffer formulation.



37°C incubated mouse kidney tissue were subjected to SDS PAGE followed by western blot with 26184-1-AP (SLC13A3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 26184-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26184-1-AP (SLC13A3 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 26184-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26184-1-AP (SLC13A3 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 26184-1-PBS in a different storage buffer formulation.