

For Research Use Only

# SLC13A3 Polyclonal antibody, PBS Only

Catalog Number: 26184-1-PBS



## Basic Information

Catalog Number:

26184-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24182

GenBank Accession Number:

BC035966

GeneID (NCBI):

64849

UNIPROT ID:

Q8WWT9

Full Name:

solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 3

Calculated MW:

602 aa, 67 kDa

Observed MW:

65-70 kDa

Purification Method:

Antigen affinity purification

## 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<sup>+</sup>/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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

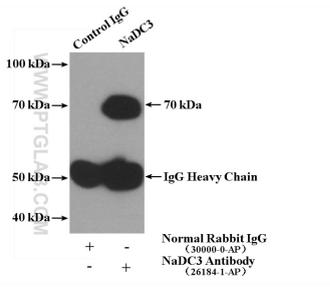
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

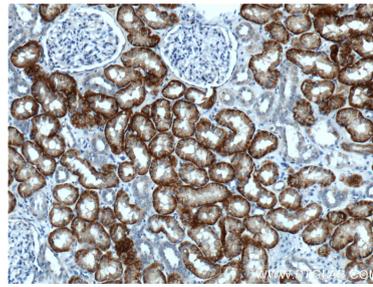
W: [ptgcn.com](http://ptgcn.com)

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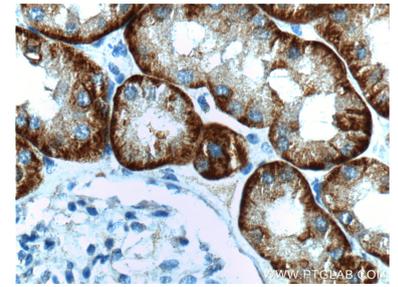
## Selected Validation Data



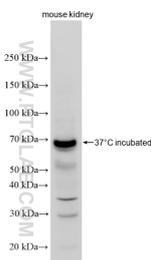
IP result of anti-SLC13A3 (IP:26184-1-AP, 4ug; Detection:26184-1-AP 1:500) with mouse kidney tissue lysate 4000ug. This data was developed using the same antibody clone with 26184-1-PBS in a different storage buffer formulation.



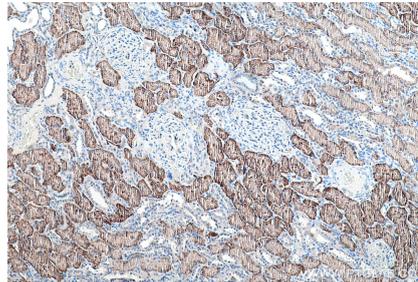
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26184-1-AP (NaDC3 antibody at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 26184-1-PBS in a different storage buffer formulation.



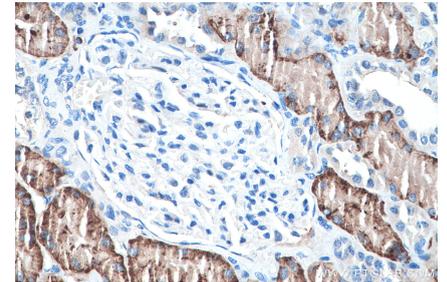
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 26184-1-AP (NaDC3 antibody at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 26184-1-PBS in a different storage buffer formulation.



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.