

For Research Use Only

# SLC26A7 Polyclonal antibody, PBS Only

Catalog Number: 17654-1-PBS



## Basic Information

Catalog Number:

17654-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11901

GenBank Accession Number:

BC094730

GeneID (NCBI):

115111

UNIPROT ID:

Q8TE54

Full Name:

solute carrier family 26, member 7

Calculated MW:

656 aa, 72 kDa

Observed MW:

85-100 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

SLC26A7, Anion exchange transporter, belongs to sulfate/anion transporter family. SLC26A7 acts as a sodium-independent DIDS-sensitive anion exchanger mediating bicarbonate, chloride, sulfate and oxalate transport. It plays a role in the maintenance of the electrolyte and acid-base homeostasis in the kidney, by acting as a distal excretory segment-specific anion exchanger (PMID: 11834742, PMID: 12736153). SLC26A7 mutations is associated with thyroid dysmorphogenesis (PMID:29546359).

## 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:

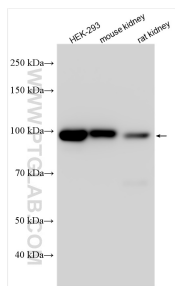
T: 4006900926

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

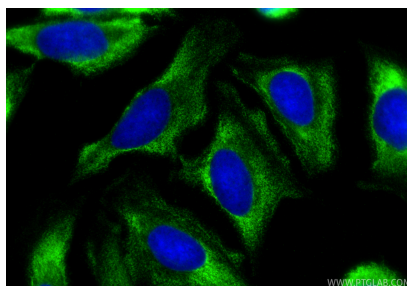
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17654-1-AP (SLC26A7 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17654-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using SLC26A7 antibody (17654-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 17654-1-PBS in a different storage buffer formulation.