

For Research Use Only

# SLC26A7 Polyclonal antibody

Catalog Number: 17654-1-AP



## Basic Information

**Catalog Number:**

17654-1-AP

**Size:**

150ul, Concentration: 250 ug/ml by Nanodrop;

**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:**

72 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : HEK-293 cells, mouse kidney tissue, mouse testis tissue, rat kidney tissue

## 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 -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

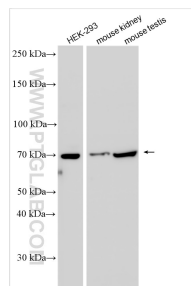
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.