For Research Use Only

SLC26A7 Polyclonal antibody

Catalog Number:17654-1-AP

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Basic Information

Catalog Number:
17654-1-AP

Size:
250 μg/ml

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

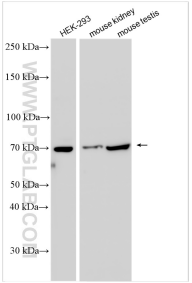
SLC26A7, Anion exchange transporter, belongs to sulfate/anion transporter family. SLC26A7 acts as a sodium-independent DIDS-sensitive anion exchanger mediating bicarbonate, chloride, sulfate and oxalate transport. It plays a role in the maintenance of the electrolyte and acid-base homeostasis in the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

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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.