SLC34A1 Rabbit pAb

Catalog NO.: A13635 **1 Publications**

Basic Information

Observed MW
75-80kDa

Calculated MW
69kDa

Category
Polyclonal Antibodies

Applications
WB, ELISA

Cross-Reactivity
Human, Mouse, Rat

Conjugation
Unconjugated

Background

Enables sodium:phosphate symporter activity. Involved in several processes, including phosphate ion homeostasis; phosphate ion transport; and response to lead ion. Located in several cellular components, including apical plasma membrane; mitotic spindle; and nuclear speck. Implicated in several diseases, including Fanconi syndrome (multiple); chronic kidney disease; hereditary hypophosphatemic rickets with hypercalciuria; hypophosphatemic nephrolithiasis/osteoporosis 1; and nephrolithiasis.

Recommended Dilutions

WB 1:1000 - 1:5000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
6569

Swiss Prot
Q06495

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
NPT2; FRTS2; SLC11; HCINF2; NAPI-3; NPTIIa; NPHLOP1; SLC17A2; SLC34A1

Contact

Product Information

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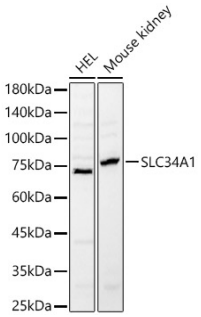
Source
Rabbit

Isotype
IgG

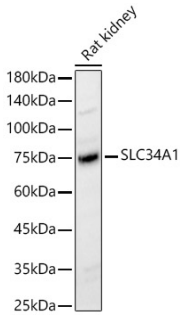
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates, using SLC34A1 Rabbit pAb (A13635) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.



Western blot analysis of lysates from Rat kidney, using SLC34A1 Rabbit pAb (A13635) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 5s.

For research use only. Not for therapeutic or diagnostic purposes.

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