

For Research Use Only

NaPi-IIa Polyclonal antibody

Catalog Number: 26783-1-AP



Basic Information

Catalog Number:

26783-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24807

GenBank Accession Number:

BC053349

GeneID (NCBI):

6569

UNIPROT ID:

Q06495

Full Name:

solute carrier family 34 (sodium phosphate), member 1

Observed MW:

70-75 kDa, 30-35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: mouse kidney tissue, mouse lung tissue, rat kidney tissue

Background Information

NaPi-IIa, also known as Npt2a (SLC34A1), is an electrogenic Na⁺-dependent Pi cotransporter expressed in the brush border membranes (BBM) of renal proximal tubules. NaPi-IIa could be detected with an apparent molecular weight 75 kDa, corresponding to the full length glycosylated protein, together with a lower molecular weight 37 kDa known to be a N-terminal proteolytic fragment which is also glycosylated (PMID:36074191).

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:

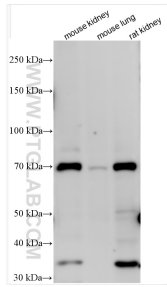
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26783-1-AP (NaPi-IIa antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.