

For Research Use Only

# NaPi-IIa Polyclonal antibody

Catalog Number: 26783-1-AP



## Basic Information

<b>Catalog Number:</b> 26783-1-AP	<b>GenBank Accession Number:</b> BC053349	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 750 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6569	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q06495	
<b>Isotype:</b> IgG	<b>Full Name:</b> solute carrier family 34 (sodium phosphate), member 1	
<b>Immunogen Catalog Number:</b> AG24807	<b>Observed MW:</b> 70-75 kDa, 30-35 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> mouse kidney tissue, mouse lung tissue, rat kidney tissue

## Background Information

NaPi-IIa, also known as Npt2a (SLC34A1), is an electrogenic Na<sup>+</sup>-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

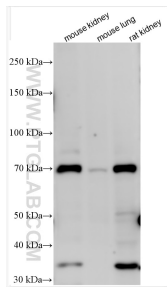
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

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