

For Research Use Only

NaPi-IIa Polyclonal antibody

Catalog Number: 26783-1-AP



Basic Information

Catalog Number: 26783-1-AP	GenBank Accession Number: BC053349	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 µg/ml by Nanodrop;	GeneID (NCBI): 6569	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: solute carrier family 34 (sodium phosphate), member 1	
Isotype: IgG		
Immunogen Catalog Number: AG24807		

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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

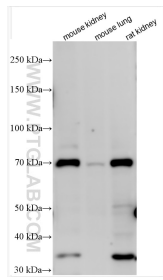
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 W: ptglab.com

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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.