

For Research Use Only

# SNX8 Polyclonal antibody

Catalog Number: 11494-1-AP



## Basic Information

<b>Catalog Number:</b> 11494-1-AP	<b>GenBank Accession Number:</b> BC021565	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 ug/ml by Nanodrop and 240 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 29886	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y5X2	
<b>Isotype:</b> IgG	<b>Full Name:</b> sorting nexin 8	
<b>Immunogen Catalog Number:</b> AG2055	<b>Calculated MW:</b> 465 aa, 53 kDa	
	<b>Observed MW:</b> 53 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> Jurkat cells, MCF-7 cells
	<b>IHC :</b> mouse kidney tissue,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

Sorting nexin 8 (SNX8) is a member of the sorting nexin family. Members of the sorting nexin family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. SNX8 plays a role in the endosome-to-Golgi transport (PMID: 19782049). SNX8 can be used as a potential target for treating lysosomal storage disorder (PMID: 38519472).

## Storage

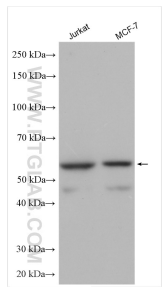
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

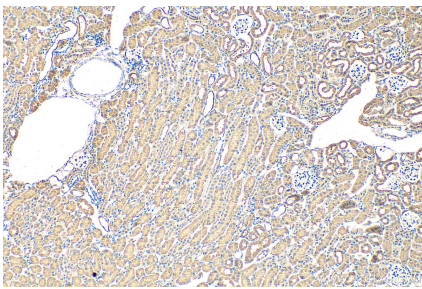
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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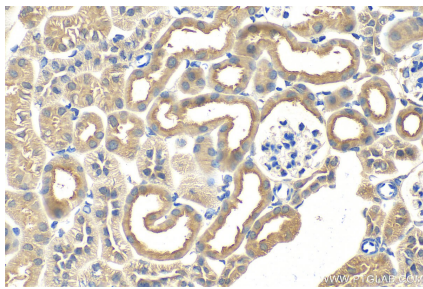
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11494-1-AP (SNX8 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 11494-1-AP (SNX8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 11494-1-AP (SNX8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).