

For Research Use Only

# SNX21 Polyclonal antibody

Catalog Number: 22193-1-AP

Featured Product

1 Publications



## Basic Information

|   |   |  |
|---|---|--|
| <b>Catalog Number:</b><br>22193-1-AP  | <b>GenBank Accession Number:</b><br>BC019823        | <b>Purification Method:</b><br>Antigen affinity purification       |
| <b>Size:</b><br>150ul, Concentration: 700 µg/ml by Nanodrop and 487 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>90203                      | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000<br>IHC 1:50-1:500 |
| <b>Source:</b><br>Rabbit  | <b>Full Name:</b><br>sorting nexin family member 21 |  |
| <b>Isotype:</b><br>IgG  | <b>Calculated MW:</b><br>373 aa, 41 kDa             |  |
| <b>Immunogen Catalog Number:</b><br>AG16900   | <b>Observed MW:</b><br>~40 kDa                      |  |

## Applications

|   |  |
|---|--|
| <b>Tested Applications:</b><br>IHC, WB, ELISA | <b>Positive Controls:</b><br>WB: HepG2,<br>IHC: human kidney tissue, |
| <b>Cited Applications:</b><br>IF, WB          |  |
| <b>Species Specificity:</b><br>human          |  |
| <b>Cited Species:</b><br>human                |  |

**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

SNX21, also named as C20orf161 and SNXL, is a member of the sorting nexin family. It binds to membranes enriched in phosphatidylinositol 3-phosphate (PtdIns(P3)) and phosphatidylinositol 4,5-bisphosphate. It is involved in several stages of intracellular trafficking.

## Notable Publications

| Author         | Pubmed ID | Journal    | Application |
|----------------|-----------|------------|-------------|
| Chris M Danson | 30072438  | J Cell Sci | WB, IF      |

## Storage

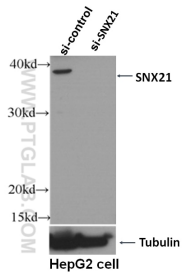
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

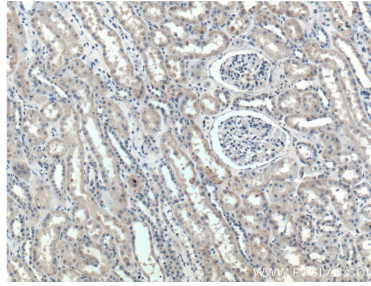
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

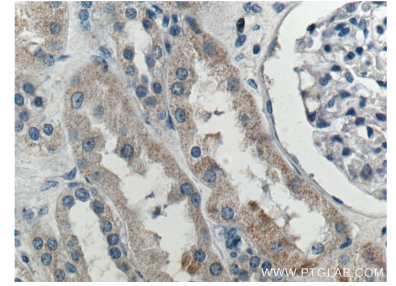
## Selected Validation Data



WB result of SNX21 (22193-1-AP, 1:500) with si-control and si-SNX21 transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 22193-1-AP (SNX21 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 22193-1-AP (SNX21 Antibody) at dilution of 1:200 (under 40x lens).