

For Research Use Only

# SNX16 Polyclonal antibody

Catalog Number: 13492-1-AP



## Basic Information

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|---|--|--|
| <b>Catalog Number:</b><br>13492-1-AP                          | <b>GenBank Accession Number:</b><br>BC033630 | <b>Purification Method:</b><br>Antigen affinity purification       |
| <b>Size:</b><br>150ul , Concentration: 400 µg/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>64089               | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000<br>IF 1:200-1:800 |
| <b>Source:</b><br>Rabbit                                      | <b>Full Name:</b><br>sorting nexin 16        |  |
| <b>Isotype:</b><br>IgG  | <b>Calculated MW:</b><br>344 aa, 39 kDa      |  |
| <b>Immunogen Catalog Number:</b><br>AG4315                    | <b>Observed MW:</b><br>39-50 kDa             |  |

## Applications

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|--|--|
| <b>Tested Applications:</b><br>IF, WB, ELISA | <b>Positive Controls:</b><br>WB : Jurkat cells, Raji cells, U-251 cells<br>IF : HT-29 cells, |
| <b>Species Specificity:</b><br>human         |  |

## Background Information

SNX16, Sorting nexin 16, is a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which mediates membrane association by interaction with phosphoinositides. SNX16 associates with late endosome membranes as is involved in tubule formation, cholesterol transport, and transport of tetraspanin CD81. It also inhibits cell migration and tumorigenesis. SNX16 directs the sorting of EGFR to the endosomal compartment and thus regulates EGF-induced cell signaling (PMID:15292396). It may function in the trafficking of proteins between the early and late endosomal compartments. SNX16 was detected 49-53 kDa in human (PMID:12813048).

## Storage

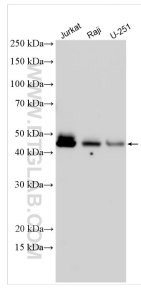
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

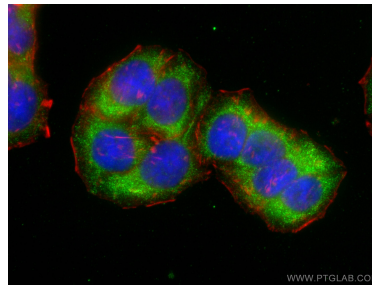
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13492-1-AP (SNX16 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HT-29 cells using SNX16 antibody (13492-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).