SNX6
Polyclonal ANTIBODY
Catalog Number: 10114-1-AP

Basic Information
Catalog Number: 10114-1-AP
Size: 25 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG0168
GenBank Accession Number: BC001798
GeneID (NCBI): 58533
Full Name: sorting nexin 6
Calculated MW: 34 kDa
Observed MW: 47 kDa

Recommended Dilutions:
WB: 1:500-1:1000
IP: 0.5-4.0 μg for IP and 1:100-1:1,000 for WB
IHC: 1:200-1:200

Applications
Tested Applications: FC, IHC, IP, WB, ELISA
Cited Applications: IHC, WB
Species Specificity: human, mouse, rat
Cited Species: human

Note: suggested antigen retrieval with TE buffer pH 9.5. (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:
WB: RAW 264.7 cells; HepG2 cells, human placenta tissue, mouse brain tissue
IP: HepG2 cells
IHC: human heart tissue; human prostate cancer tissue

Background Information
Sorting nexins (SNX) have previously been shown to regulate the cell-surface expression of the human epidermal growth factor receptor. On the basis of the predicted protein sequences, several members of this family, including SNX6, have been identified. SNX6, containing coiled-coil regions within its large C-terminal domain and is found distributed in both membrane and cytosolic fractions, typical of hydrophilic peripheral membrane proteins. The functions of SNX6 are likely to be unique to endosomes, mediated in part by interactions with SNX6-specific C-terminal sequences and membrane-associated determinants.

Notable Publications

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<th>Author</th>
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<tr>
<td>Pengfei Hu</td>
<td>30307473</td>
<td>Acta Biochim Biophys Sin (Shanghai)</td>
<td>WB, IHC</td>
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Storage
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage.

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 (312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 10114-1-AP SNX6 Antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.

Immunohistochemistry of paraffin-embedded human heart slide using 10114-1-AP SNX6 Antibody at dilution of 1:50 (under 10x lens).

Immunohistochemistry of paraffin-embedded human heart slide using 10114-1-AP SNX6 Antibody at dilution of 1:50 (under 40x lens).


1X10^6 RAW 264.7 cells were stained with 0.2ug SNX6 antibody (10114-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated Anti-Rabbit Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.