**SNX6 Polyclonal ANTIBODY**

**Catalog Number:** 10114-1-AP

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### Basic Information

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog Number</td>
<td>10114-1-AP</td>
</tr>
<tr>
<td>Size</td>
<td>25 μg/150 μl</td>
</tr>
<tr>
<td>Source</td>
<td>Rabbit</td>
</tr>
<tr>
<td>IgG</td>
<td>Rabbit</td>
</tr>
<tr>
<td>Purification Method</td>
<td>Antigen affinity purification</td>
</tr>
<tr>
<td>Immunogen Catalog Number</td>
<td>A00188</td>
</tr>
</tbody>
</table>

### Applications

**Tested Applications:** FC, IHC, IP, WB, ELISA

**Cited Applications:** IHC, WB

**Species Specificity:** human, mouse, rat

**Cited Species:** human

### 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 SNX5-specific C-terminal sequences and membrane-associated determinants.

### Notable Publications

<table>
<thead>
<tr>
<th>Author</th>
<th>PubMed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pengfei Hu</td>
<td>30307473</td>
<td>Acta Biochim Biophys Sin (Shanghai)</td>
<td>WB, IHC</td>
</tr>
</tbody>
</table>

### Storage

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:** PB5 with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage.

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For technical support and original validation data for this product, please contact:

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.
RAW 264.7 cells were subjected to SDS PAGE followed by western blot with 10114-1-AP (SNX6 Antibody) at a 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 a dilution of 1:50 (under 10x lens).

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

IP Result of anti-SNX6 (IP: 10114-1-AP, 4ug; Detection: 10114-1-AP, 1:1000) with HepG2 cells lysate 4000ug.

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.