



## Rabbit Anti-SNX25 antibody

SL4070R

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| <b>Product Name:</b>          | SNX25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Chinese Name:</b>          | 分拣微管连接蛋白抗体                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Alias:</b>                 | SBBI31; Sorting nexin-25; AI661919; FLJ23161; Gm1699; Gm173; MSTP043; SNX25; SNX25_HUMAN.                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Organism Species:</b>      | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Clonality:</b>             | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>React Species:</b>         | Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Applications:</b>          | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.                                                                                                                                                                                                                                                                                      |
| <b>Molecular weight:</b>      | 98kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cellular localization:</b> | cytoplasmicThe cell membraneSecretory protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form:</b>                  | Lyophilized or Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Concentration:</b>         | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>immunogen:</b>             | KLH conjugated synthetic peptide derived from human SNX25:521-620/840                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Lsotype:</b>               | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purification:</b>          | affinity purified by Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.                                                                                                                                                                                           |
| <b>PubMed:</b>                | <a href="#">PubMed</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Product Detail:</b>        | Sorting nexin (SNX) proteins are members of a large family of hydrophilic PX (phospholipid-binding motif) domain-containing proteins that interact with a variety of receptor types. SNXs are widely expressed, although the tissue distribution of each SNX mRNA varies. The ability of SNXs to bind specific phospholipids, as well as their tendency to form protein-protein complexes, suggests a role for these proteins in cellular membrane trafficking and protein sorting. SNXs may also function specifically |

in pro-degradative sorting, internalization, endosomal recycling or simply in endosomal sorting. SNX25 (sorting nexin 25), also known as SBBI31 or MSTP043, is an 840 amino acid protein suggested to function in several stages of intracellular trafficking. A member of the sorting nexin family, SNX25 contains one PX (phox homology) domain, an RGS domain and one PXA domain.

**Function:**

May be involved in several stages of intracellular trafficking

**Subcellular Location:**

Endosome membrane; Peripheral membrane protein. Note=Detected in endosome-derived secreted vesicles (exosomes) from malignant pleural effusions.

**Similarity:**

Belongs to the sorting nexin family.  
Contains 1 PX (phox homology) domain.  
Contains 1 PXA domain.  
Contains 1 RGS domain.

**SWISS:**

Q9H3E2

**Gene ID:**

83891

**Database links:**

[Entrez Gene: 83891](#) Human

[Entrez Gene: 102141](#) Mouse

[Entrez Gene: 306471](#) Rat

[SwissProt: Q9H3E2](#) Human

[SwissProt: Q3ZT31](#) Mouse

[Unigene: 369091](#) Human

[Unigene: 267258](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

