



Rabbit Anti-SNX7 antibody

SL12250R

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| Product Name: | SNX7 |
| Chinese Name: | 分选连接蛋白7抗体 |
| Alias: | MGC8717; DKFZP564F052; MGC8717; MGC8717; ; Sorting nexin 7; Sorting nexin 7 isoform a; SNX7_HUMAN. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep, |
| Applications: | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 45kDa |
| Cellular localization: | cytoplasmicThe cell membrane |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from Human SNX7:151-250/387 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | 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. |
| PubMed: | PubMed |
| Product Detail: | 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. SNXs partially associate with cellular membranes, despite their hydrophilic nature. SNX7 is unique in that it does not have a coiled coil region like some of the SNX family members. Mutations in the SNX7 gene have not been shown to cause any diseases.

Function:

SNX7 is a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein does not contain a coiled coil region like some family members, and its function is unknown. Its gene results in two transcript variants encoding two distinct isoforms.

Subcellular Location:

Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side (By similarity).

Similarity:

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

SWISS:

Q9UNH6

Gene ID:

51375

Database links:

[Entrez Gene: 51375](#)Human

[Entrez Gene: 76561](#)Mouse

[Entrez Gene: 310815](#)Rat

[Omim: 614904](#)Human

[SwissProt: Q9UNH6](#)Human

[SwissProt: Q9CY18](#)Mouse

[Unigene: 197015](#)Human

[Unigene: 33824](#)Mouse

[Unigene: 29845](#)Rat

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| | <p>Important Note:</p> |
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