

## Anti-SNX5 antibody

|                 |   |
|-----------------|---|
| <b>Cat. No.</b> | ml262284  |
| <b>Package</b>  | 25 µl/100 µl/200 µl                                     |
| <b>Storage</b>  | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |

### Product overview

|                     |                                      |
|---------------------|--------------------------------------|
| <b>Description</b>  | Anti-SNX5 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, WB, IHC                       |
| <b>Immunogen</b>    | Synthetic peptide of human SNX5      |
| <b>Reactivity</b>   | Human, Mouse, Rat                    |
| <b>Content</b>      | 0.8 mg/ml                            |
| <b>Host species</b> | Rabbit                               |
| <b>Ig class</b>     | Immunogen-specific rabbit IgG        |
| <b>Purification</b> | Antigen affinity purification        |

### Target information

|                  |                 |
|------------------|-----------------|
| <b>Symbol</b>    | SNX5            |
| <b>Full name</b> | sorting nexin 5 |

#### Synonyms

Swissprot Q9Y5X3

#### Target Background

This gene encodes 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 functions in endosomal sorting, the phosphoinositide-signaling pathway, and macropinocytosis. This gene may play a role in the tumorigenesis of papillary thyroid carcinoma. Alternative splicing results in multiple transcript variants encoding different isoforms.

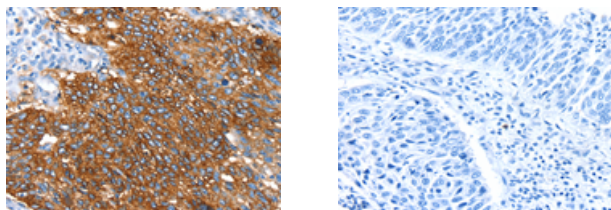
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human lung cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml262284(SNX5 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 47 kDa

Positive control: K562 and Jurkat cells

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

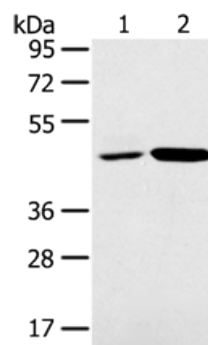
Lysate: 40  $\mu$ g

Lane 1-2: K562 cells, Jurkat cells

Primary antibody: ml262284(SNX5 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



#### ELISA

Recommended dilution: 2000-5000

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