

## Anti-INSIG2 antibody

|                 |   |
|-----------------|---|
| <b>Cat. No.</b> | ml222550  |
| <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-INSIG2 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, IHC                             |
| <b>Immunogen</b>    | Fusion protein of human INSIG2         |
| <b>Reactivity</b>   | Human, Mouse, Rat                      |
| <b>Content</b>      | 0.3 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>    | INSIG2                 |
| <b>Full name</b> | insulin induced gene 2 |
| <b>Synonyms</b>  |                        |
| <b>Swissprot</b> | Q9Y5U4                 |

### Target Background

The protein encoded by this gene is highly similar to the protein product encoded by gene INSIG1. Both INSIG1 protein and this protein are endoplasmic reticulum proteins that block the processing of sterol regulatory element binding proteins (SREBPs) by binding to SREBP cleavage-activating protein (SCAP), and thus prevent SCAP from escorting SREBPs to the Golgi.

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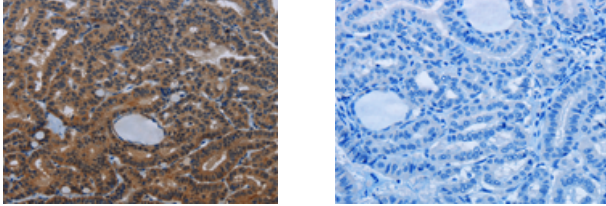
#### Applications

##### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml222550(INSIG2 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

##### ELISA

Recommended dilution: 2000-5000

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