## Anti－TSHR antibody

| Cat．No． | ml 221388 |
| :--- | :--- |
| Package | $25 \mu \mathrm{l} / 100 \mu \mathrm{l} / 200 \mu \mathrm{l}$ |
| Storage | $-20^{\circ} \mathrm{C}, \mathrm{pH} 7.4 \mathrm{PBS}, 0.05 \% \mathrm{NaN3}, 40 \%$ Glycerol |
|  |  |
| Product overview |  |
| Description | Anti－TSHR rabbit polyclonal antibody |
| Applications | ELISA，IHC |
| Immunogen | Fusion protein of human TSHR |
| Reactivity | Human |
| Content | $0.3 \mathrm{mg} / \mathrm{ml}$ |
| Host species | Rabbit |
| Ig class | Immunogen－specific rabbit IgG |
| Purification | Antigen affinity purification |

## Target information

Symbol
Full name
Synonyms
Swissprot

## TSHR

thyroid stimulating hormone receptor
LGR3；CHNG1；hTSHR－I
P16473

## Target Background

The protein encoded by this gene is a membrane protein and a major controller of thyroid cell metabolism．The encoded protein is a receptor for thyrothropin and thyrostimulin，and its activity is mediated by adenylate cyclase．Defects in this gene are a cause of several types of hyperthyroidism．Three transcript variants encoding different isoforms have been found for this gene．

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## Applications

Immunohistochemistry
Predicted cell location：Cytoplasm
Positive control：Human liver cancer
Recommended dilution：25－100


The image on the left is immunohistochemistry of paraffin－embedded Human liver cancer tissue using ml221388（TSHR Antibody）at dilution $1 / 50$ ，on the right is treated with fusion protein．（Original magnification：$\times 200$ ）

## ELISA

Recommended dilution：2000－5000

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