

## Anti-TRDMT1 antibody

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| <b>Cat. No.</b> | ml260262                                                |
| <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-TRDMT1 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, IHC                             |
| <b>Immunogen</b>    | Synthetic peptide of human TRDMT1      |
| <b>Reactivity</b>   | Human, Mouse, Rat                      |
| <b>Content</b>      | 0.5 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>    | TRDMT1                                 |
| <b>Full name</b> | tRNA aspartic acid methyltransferase 1 |
| <b>Synonyms</b>  | DMNT2; DNMT2; PUMET; RNMT1; MHSIIP     |
| <b>Swissprot</b> | O14717                                 |

### Target Background

This gene encodes a protein responsible for the methylation of aspartic acid transfer RNA, specifically at the cytosine-38 residue in the anticodon loop. This enzyme also possesses residual DNA-(cytosine-C5) methyltransferase activity. While similar in sequence and structure to DNA cytosine methyltransferases, this gene is distinct and highly conserved in its function among taxa.

订购热线: 4008-898-798

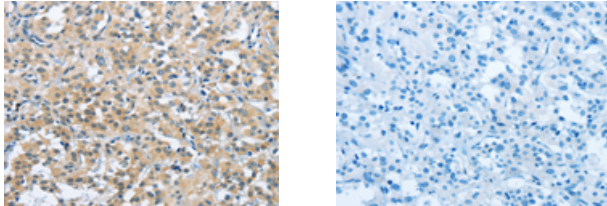
#### Applications

##### 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 ml260262(TRDMT1 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

##### ELISA

Recommended dilution: 2000-5000

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