

## Product datasheet for **TA350651**

### **Dnmt2 (TRDMT1) Rabbit Polyclonal Antibody**

#### **Product data:**

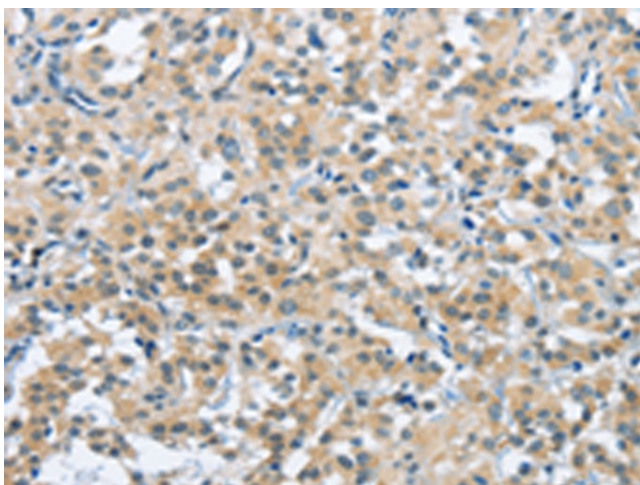
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human TRDMT1
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tRNA aspartic acid methyltransferase 1
Database Link:	<a href="#">NP_004403</a> <a href="#">Entrez Gene 13434 Mouse</a> <a href="#">Entrez Gene 291324 Rat</a> <a href="#">Entrez Gene 1787 Human</a> <a href="#">O14717</a>
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.
Synonyms:	DMNT2; DNMT2; MHSIIP; PUMET; RNMT1
Protein Families:	Druggable Genome



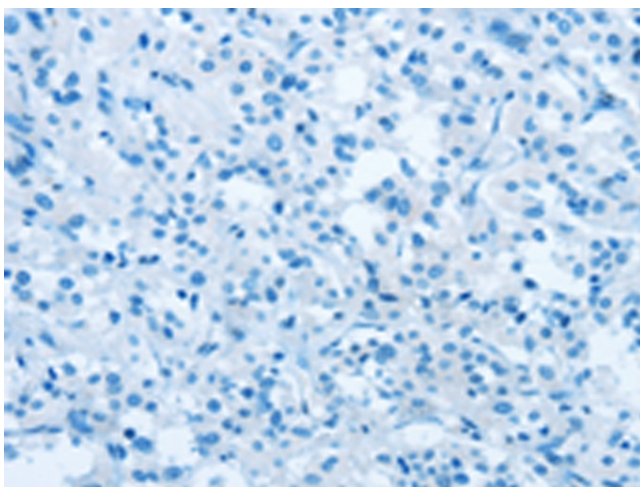
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Protein Pathways: Cysteine and methionine metabolism, Metabolic pathways

**Product images:**



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350651 (TRDMT1 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350651 (TRDMT1 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification:  $\times 200$ )