

Product datasheet for **TA350651S**

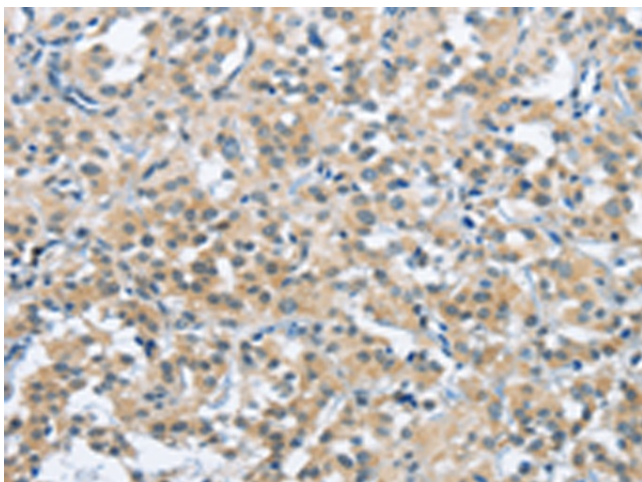
Dnmt2 (TRDMT1) Rabbit Polyclonal Antibody

Product data:

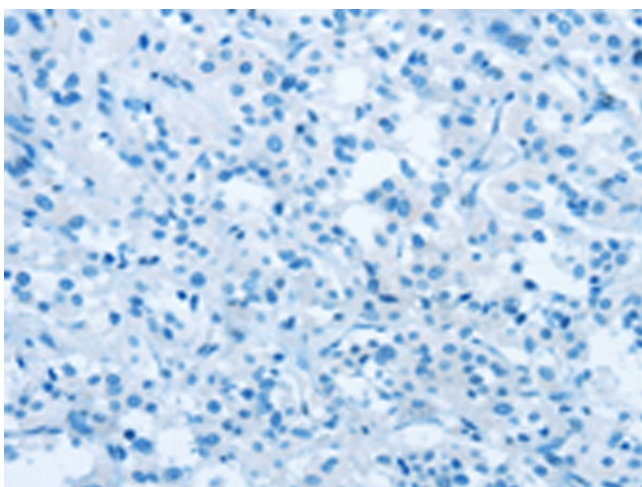
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human TRDMT1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
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:	NP_004403 Entrez Gene 13434 Mouse Entrez Gene 291324 Rat Entrez Gene 1787 Human O14717
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
Protein Pathways:	Cysteine and methionine metabolism, Metabolic pathways



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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: $\times 200$)