

## TRDMT1 Antibody

Catalog No: #36827

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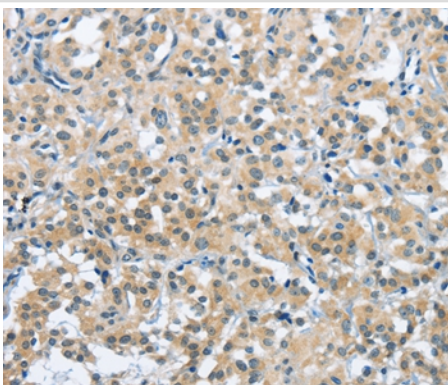
## Description

Product Name	TRDMT1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TRDMT1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human tRNA aspartic acid methyltransferase 1
Target Name	TRDMT1
Other Names	DMNT2; DNMT2; PUMET; RNMT1; MHSIAIP
Accession No.	Swiss-Prot#: O14717NCBI Gene ID: 1787Gene Accssion: NP_004403
Uniprot	O14717
GeneID	1787;
Concentration	2.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:50-1:200

## Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36827 at dilution 1/40.

## 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.

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Note: This product is for in vitro research use only