

Datasheet for ABIN7173504  
**anti-Dnmt2 antibody (AA 170-269)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	Dnmt2 (TRDMT1)
Binding Specificity:	AA 170-269
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dnmt2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human tRNA (cytosine(38)-C(5))-methyltransferase protein (170-269AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

## Target Details

Target:	Dnmt2 (TRDMT1)
Alternative Name:	TRDMT1 ( <a href="#">TRDMT1 Products</a> )
Background:	Background: Specifically methylates cytosine 38 in the anticodon loop of tRNA(Asp). Aliases: dDNMT antibody, D mMT 2 antibody, D mMT2 antibody, DNA (cytosine 5 )

## Target Details

methyltransferase 2 antibody, DNA (cytosine 5) methyltransferase like protein 2 antibody, DNA (cytosine-5)-methyltransferase-like protein 2 antibody, DNA 5 cytosine methyltransferase antibody, DNA methyltransferase 2 antibody, DNA methyltransferase homolog HsaIIP antibody, DNA MTase homolog HsaIIP antibody, Dnmt 2 antibody, Dnmt2 antibody, M.HsaIIP antibody, MHsaIIP antibody, nmt 2 antibody, nmt2 antibody, OTTHUMP00000045198 antibody, PuMet antibody, RNMT 1 antibody, RNMT1 antibody, TRDMT 1 antibody, TRDMT\_HUMAN antibody, TRDMT1 antibody, tRNA (cytosine 5 ) methyltransferase antibody, tRNA (cytosine(38)-C(5))-methyltransferase antibody, tRNA aspartic acid methyltransferase 1 antibody, tRNA aspartic acid methyltransferase 1 variant 1 antibody, tRNA aspartic acid methyltransferase 1 variant 2 antibody, tRNA aspartic acid methyltransferase 1 variant 3 antibody, tRNA aspartic acid methyltransferase 1 variant 4 antibody, tRNA aspartic acid methyltransferase 1 variant 5 antibody, tRNA aspartic acid methyltransferase 1 variant 8 antibody

UniProt: [O14717](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

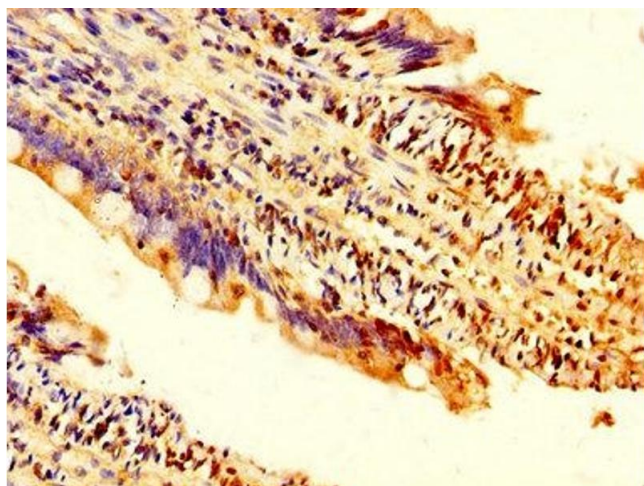
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

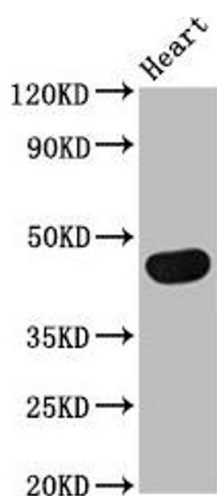
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunohistochemistry

**Image 1.** IHC image of ABIN7173504 diluted at 1:200 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: Rat heart tissue All lanes: TRDMT1 antibody at 4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 45, 42, 40, 7, 8, 13 kDa Observed band size: 45 kDa