

Datasheet for ABIN387906  
**anti-Dnmt2 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	400 µL
Target:	Dnmt2 (TRDMT1)
Binding Specificity:	AA 201-230, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dnmt2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This Mouse Dnmt2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 201-230 amino acids from the N-terminal region of mouse Dnmt2.
Clone:	RB2389
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	Dnmt2 (TRDMT1)
Alternative Name:	Dnmt2 ( <a href="#">TRDMT1 Products</a> )

## Target Details

**Background:** Mdnmt2 does not appear to be active as a DNA methyltransferase, however, its strong binding to DNA suggests that it may mark specific sequences in the genome by binding to DNA through the specific target-recognizing motif. mDnmt2 is strongly expressed in thymus, testis, and at much lower levels in spleen, lung, brain, heart, kidney, liver, skeletal muscle and embryonic stem cells. This protein belongs to the 5-cytosine methyltransferase family.

**Molecular Weight:** 46794

**Gene ID:** 13434

**NCBI Accession:** [NP\\_034197](#)

**UniProt:** [O55055](#)

## Application Details

**Application Notes:** WB: 1:1000. IHC-P: 1:50~100

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

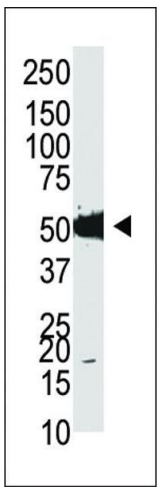
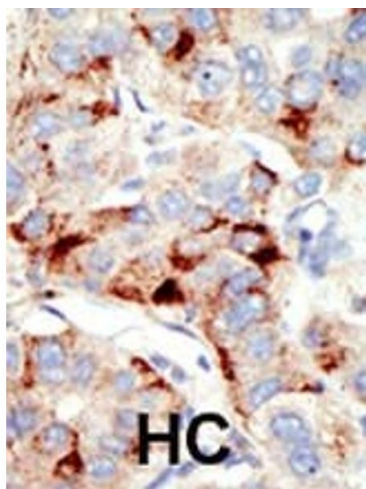
**Preservative:** Sodium azide

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

**Storage:** 4 °C,-20 °C

**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

**Western Blotting**

**Image 2.** Western blot analysis of anti-mDnmt2 Pab (ABIN387906 and ABIN2844280) in HL-60 cell lysate. mDnmt2 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.