

Datasheet for ABIN356589
anti-Dnmt2 antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	Dnmt2 (TRDMT1)
Binding Specificity:	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)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of mouse Dnmt2.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to Dnmt2 (N-term).
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	Dnmt2 (TRDMT1)
Alternative Name:	DNMT2 / TRDMT1 (TRDMT1 Products)

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. Synonyms: DNA (cytosine-5)-methyltransferase-like protein 2, DNA methyltransferase homolog HsallP, HsallP, PuMet, tRNA (cytosine-5)-methyltransferase

Gene ID: 13434, 10090

UniProt: [O55055](#)

Application Details

Application Notes: ELISA: 1/1,000. Western blot: 1/100approx. 1/500. Immunohistochemistry: 1/50approx. 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative.

Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

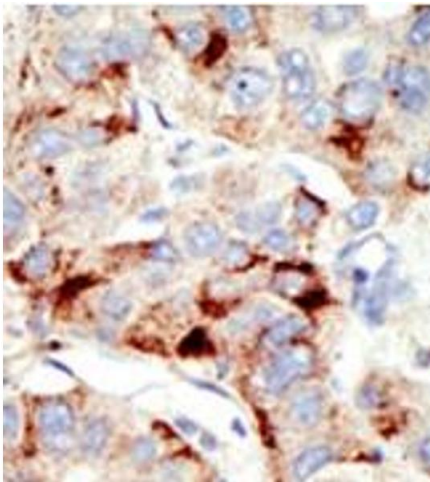
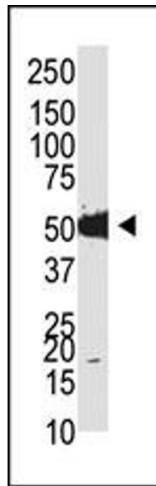


Image 1.

Image 2.