

Datasheet for ABIN3029269
anti-Dnmt2 antibody (AA 201-230)

3 Images

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Overview

Quantity:	0.4 mL
Target:	Dnmt2 (TRDMT1)
Binding Specificity:	AA 201-230
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dnmt2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 201-230 from the mouse protein was used as the immunogen for this Dnmt2 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	Dnmt2 (TRDMT1)
Alternative Name:	Dnmt2 (TRDMT1 Products)
Background:	Dnmt2 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. Dnmt2 is strongly expressed in thymus, testis, and at

Target Details

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.

UniProt: [O55055](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Dnmt2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

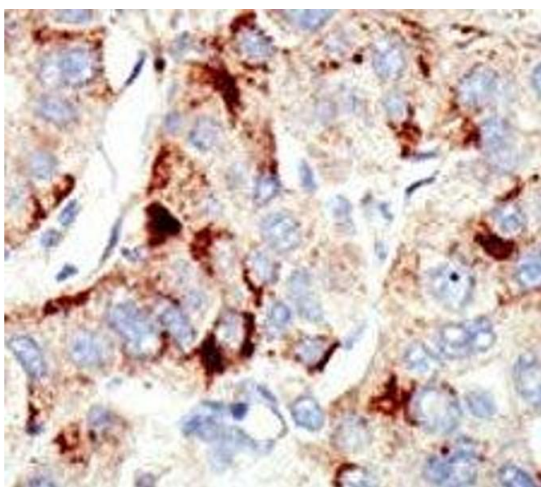
Preservative: Sodium azide

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

Storage: -20 °C

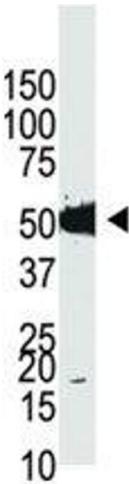
Storage Comment: Store at 4°C for up to one month. For long term, aliquot the Dnmt2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



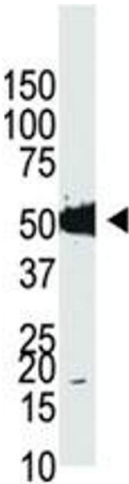
Immunohistochemistry

Image 1. IHC analysis of FFPE human hepatocarcinoma stained with the Dnmt2 antibody



Western Blotting

Image 2. Western blot analysis of Dnmt2 antibody and HL-60 cell lysate



Western Blotting

Image 3. Western blot analysis of Dnmt2 antibody and HL-60 cell lysate