

Datasheet for ABIN3029268
anti-Dnmt2 antibody (AA 346-375)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	Dnmt2 (TRDMT1)
Binding Specificity:	AA 346-375
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 346-375 from the human 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:	CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a protein with

Target Details

similarity to DNA methyltransferases, but this protein does not display methyltransferase activity. The protein strongly binds DNA, suggesting that it may mark specific sequences in the genome. Alternative splicing results in multiple transcript variants encoding different isoforms.

UniProt: [O14717](#)

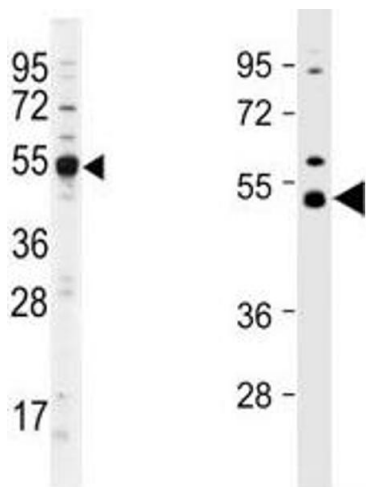
Application Details

Application Notes:	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

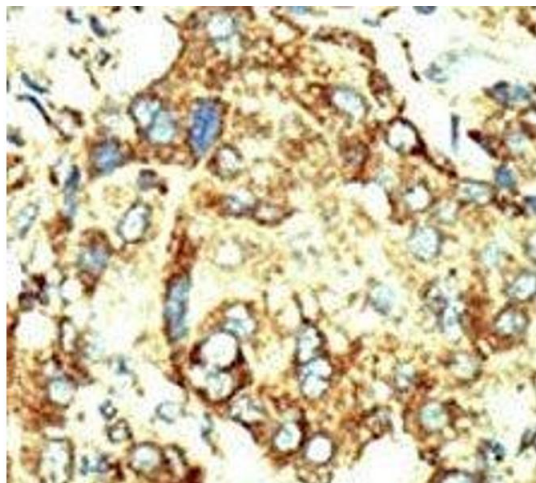
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Dnmt2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



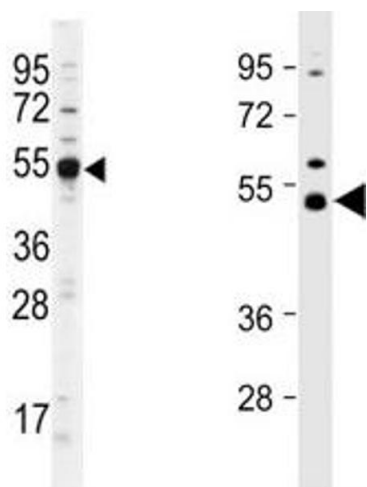
Western Blotting

Image 1. Western blot analysis of Dnmt2 antibody and mouse cerebellum lysate.



Immunohistochemistry

Image 2. IHC analysis of FFPE human hepatocarcinoma stained with the Dnmt2 antibody



Western Blotting

Image 3. Western blot analysis of Dnmt2 antibody and different lots of mouse cerebellum lysate.