

Datasheet for ABIN3030752
anti-DNMT3B antibody (AA 389-417)[Go to Product page](#)

5 Images

Overview

Quantity:	0.4 mL
Target:	DNMT3B
Binding Specificity:	AA 389-417
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNMT3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A portion of amino acids 389-417 from the human protein was used as the immunogen for this Dnmt3b antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	DNMT3B
Alternative Name:	Dnmt3b (DNMT3B 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. Dnmt3b is a DNA methyltransferase

Target Details

which is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes primarily to the nucleus and its expression is developmentally regulated. Mutations in this gene cause the immunodeficiency-centromeric instability-facial anomalies (ICF) syndrome.

UniProt: [Q9UBC3](#)

Application Details

Application Notes: Titration of the Dnmt3b antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:2000,IHC (Paraffin): 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

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

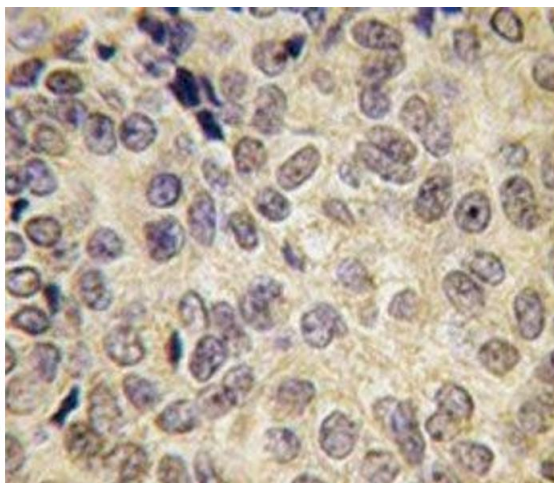
Preservative: Sodium azide

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

Storage: -20 °C

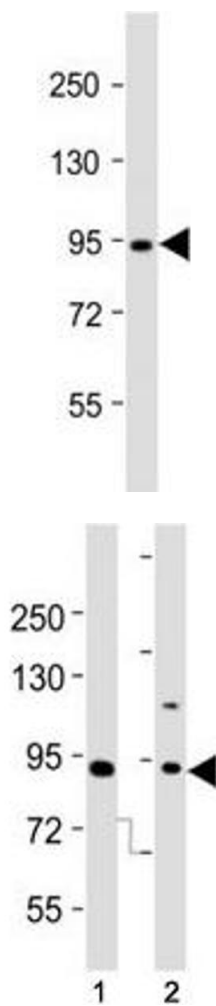
Storage Comment: Aliquot the Dnmt3b antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



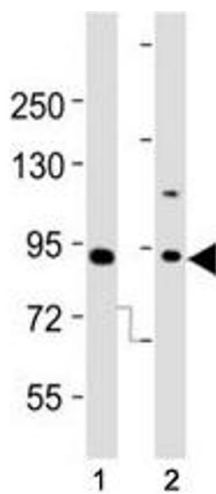
Immunohistochemistry

Image 1. IHC analysis of FFPE human prostate carcinoma tissue stained with Dnmt3b antibody



Western Blotting

Image 2. Western blot testing of Dnmt3b antibody at 1:2000 dilution + T47D lysate; Predicted molecular weight: 95 kDa.



Western Blotting

Image 3. Western blot testing of Dnmt3b antibody at 1:2000 dilution. Lane 1: A431 lysate; 2: A549; Predicted molecular weight: 95 kDa.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3030752.