

Datasheet for ABIN3030749
anti-DNMT3A antibody (AA 723-752)



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2 Images

Overview

Quantity:	0.4 mL
Target:	DNMT3A
Binding Specificity:	AA 723-752
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNMT3A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 723-752 from the human protein was used as the immunogen for this Dnmt3a antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat
Purification:	Purified

Target Details

Target:	DNMT3A
Alternative Name:	Dnmt3a (DNMT3A Products)
Background:	CpG methylation is an epigenetic modification that is important for embryonic development,

Target Details

imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. Dnmt3a is a DNA methyltransferase that is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes to the cytoplasm and nucleus and its expression is developmentally regulated.

UniProt: [Q9Y6K1](#)

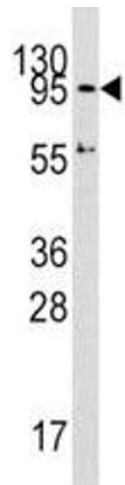
Application Details

Application Notes:	Titration of the Dnmt3a antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

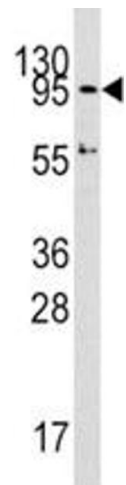
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Dnmt3a antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of Dnmt3a antibody and HepG2 lysate. Predicted molecular weight: 100-130 kDa



Western Blotting

Image 2. Western blot analysis of Dnmt3a antibody and HepG2 lysate. Predicted molecular weight: 100-130 kDa