

Datasheet for ABIN3030747
anti-DNMT3A antibody (AA 872-900)



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2 Images

Overview

Quantity:	0.4 mL
Target:	DNMT3A
Binding Specificity:	AA 872-900
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 872-900 from the human protein was used as the immunogen for this Dnmt3a antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Chicken
Purification:	Antigen affinity 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. This gene encodes 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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq].

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

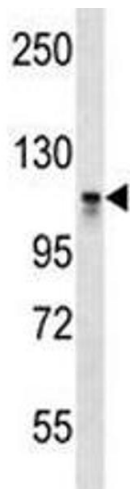
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

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

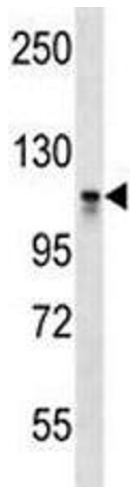
Storage: -20 °C

Storage Comment: Aliquot the Dnmt3a antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Dnmt3a antibody western blot analysis in CEM lysate. Predicted molecular weight: 100-130 kDa



Western Blotting

Image 2. Dnmt3a antibody western blot analysis in CEM lysate. Predicted molecular weight: 100-130 kDa