

Datasheet for ABIN356568

anti-DNMT3A antibody (N-Term)



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2 Images

Overview

Quantity:	0.4 mL
Target:	DNMT3A
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNMT3A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human Dnmt3a.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to Dnmt3a (N-term). It will cross reacts with Mouse (Predicted by 100 % Antigen Homology).
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	DNMT3A
Alternative Name:	DNMT3A (DNMT3A Products)

Target Details

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. 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.Synonyms: DNA (cytosine-5)-methyltransferase 3A, DNA MTase HsaIIIA, DNA methyltransferase HsaIIIA, M.HsaIIIA
Gene ID:	1788, 9606
UniProt:	Q9Y6K1

Application Details

Application Notes:	ELISA: 1/1,000. Western Blot: 1/50-1/100. Immunohistochemistry: 1/10approx. 1/50. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

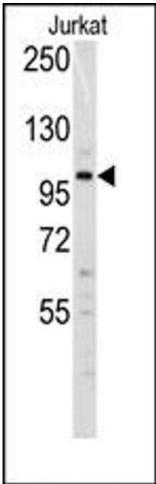


Image 1.

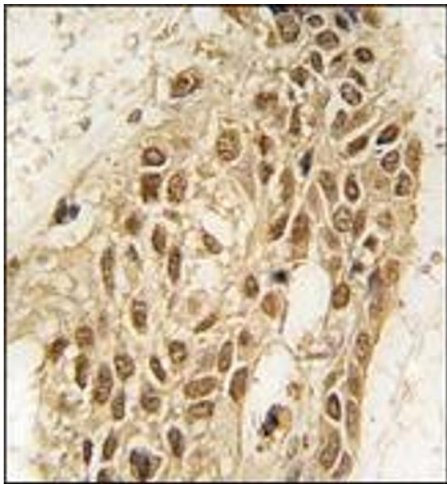


Image 2.