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Datasheet for ABIN3030751

anti-DNMT3A antibody (AA 31-61)

3 Images

Overview

Quantity:	0.4 mL
Target:	DNMT3A
Binding Specificity:	AA 31-61
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNMT3A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 31-61 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:	DNA (cytosine-5)-methyltransferase 3A is an enzyme that catalyzes the transfer of methyl

Target Details

groups to specific CpG structures in DNA, a process called DNA methylation. The enzyme is encoded in humans by the DNMT3A gene. [Wiki]

UniProt: [Q9Y6K1](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Dnmt3a antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,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

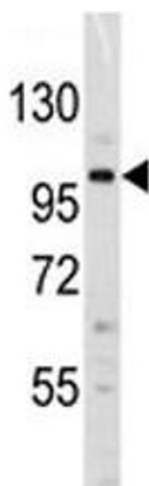
Preservative: Sodium azide

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: Store at 4°C for up to one month. For long term, aliquot the Dnmt3a antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

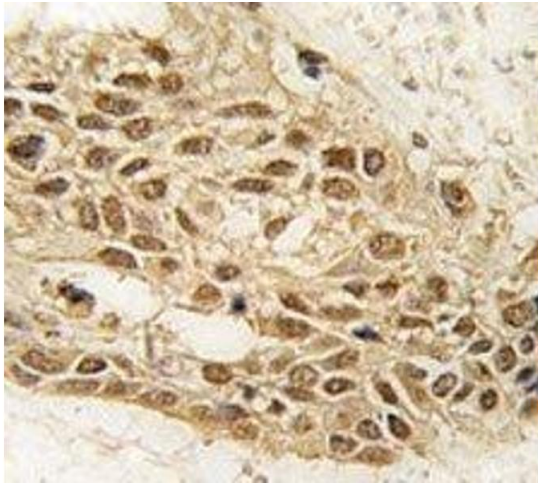
Images



Western Blotting

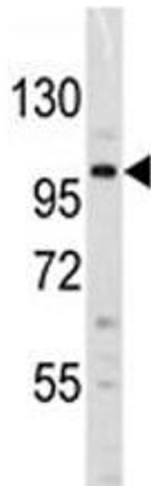
Image 1. Dnmt3a antibody western blot of Jurkat lysate.

Predicted molecular weight: 100-130 kDa



Immunohistochemistry

Image 2. IHC analysis Dnmt3a antibody and human lung carcinoma tissue



Western Blotting

Image 3. Dnmt3a antibody western blot of Jurkat lysate.
Predicted molecular weight: 100-130 kDa