

A3169

Leader in Biomolecular Solutions for Life Science



## DNMT3A Rabbit pAb

Catalog No.: A3169

4 Publications

### Basic Information

#### Observed MW

95kDa

#### Calculated MW

102kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IF/ICC,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

### 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. 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.

### Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:20

### Immunogen Information

#### Gene ID

1788

#### Swiss Prot

Q9Y6K1

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 500-700 of human DNMT3A (NP\_072046.2).

#### Synonyms

TBRS; HESJAS; DNMT3A2; M.HsaIIIA; DNMT3A

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

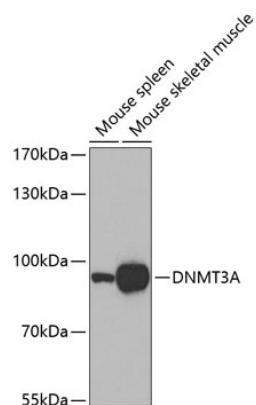
#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

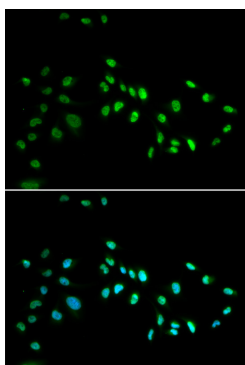
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using DNMT3A antibody (A3169).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Immunofluorescence analysis of A549 cells using DNMT3A antibody (A3169).