

A16012

Leader in Biomolecular Solutions for Life Science



# DiMethyl-DNMT3A-K44 Rabbit pAb

Catalog No.: A16012

## Basic Information

### Observed MW

### Calculated MW

102kDa

### Category

Polyclonal Antibody

### Applications

IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

This is one of two related genes encoding de novo DNA methyltransferases, which are responsible for the establishment of DNA methylation patterns in embryos. Loss of function of this gene causes developmental defects in multiple different organ systems. There is a pseudogene for this gene located on chromosome 3. Alternatively spliced transcript variants encoding multiple isoforms have been observed.

## Recommended Dilutions

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

13435

### Swiss Prot

O88508

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

MmuIIIa; DiMethyl-DNMT3A-K44

## Contact



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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

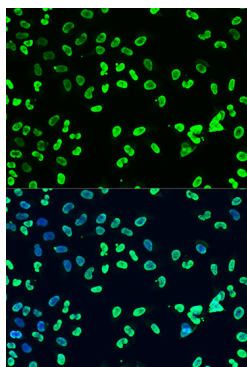
### Storage

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

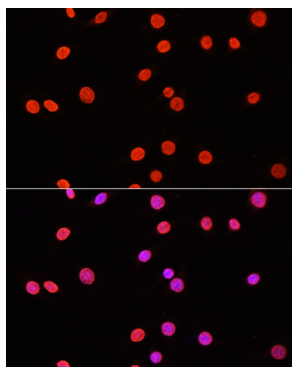
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

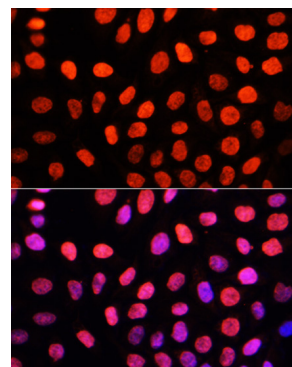
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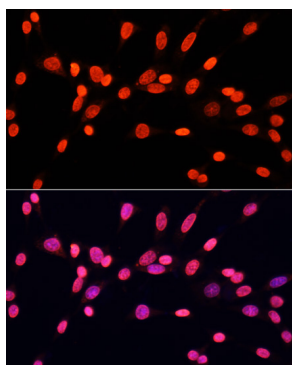
Immunofluorescence analysis of U2OS cells using DiMethyl-DNMT3A-K44 Rabbit pAb (A16012) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using DiMethyl-DNMT3A-K44 Rabbit pAb (A16012) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using DiMethyl-DNMT3A-K44 Rabbit pAb (A16012) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using DiMethyl-DNMT3A-K44 Rabbit pAb (A16012) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.