DiMethyl-DNMT3A-K44 Rabbit Polyclonal Antibody

CAB16012

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Calculated MW:

77kDa/101kDa

Applications:

IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein 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.

Immunogen information

Gene ID:
13435

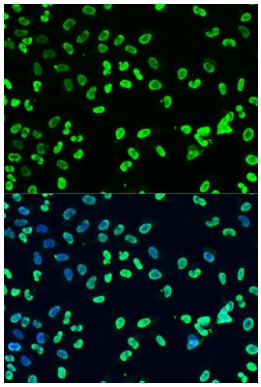
Uniprot
O88508

Synonyms:
Dnmt3a; MmuIIIA; DNMT3A2; M.HsaIIIA; TBRS

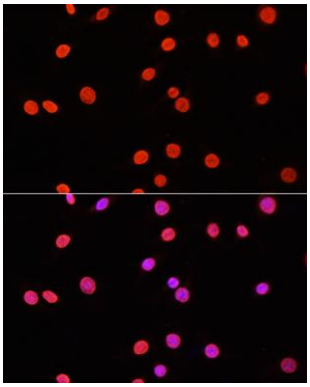
Immunogen:
A synthetic dimethylated peptide around K44 of mouse DNMT3A (NP_031898.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

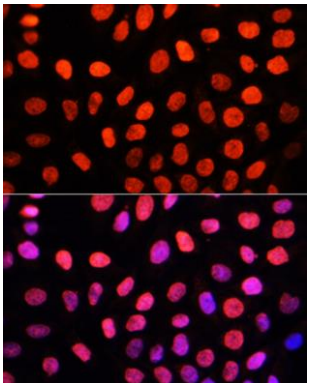
Product Images



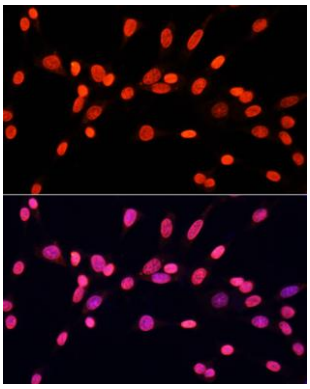
Immunofluorescence analysis of U2OS cells using DiMethyl-DNMT3A-K44 antibody (CAB16012) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using DiMethyl-DNMT3A-K44 antibody (CAB16012) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using DiMethyl-DNMT3A-K44 antibody (CAB16012) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using DiMethyl-DNMT3A-K44 antibody (CAB16012) at dilution of 1:100. Blue: DAPI for nuclear staining.