

Rabbit DiMethyl-DNMT3A-K44 Polyclonal Antibody | anti-Dnmt3a antibody

DiMethyl-DNMT3A-K44 pAb

CATALOG # AAA311256	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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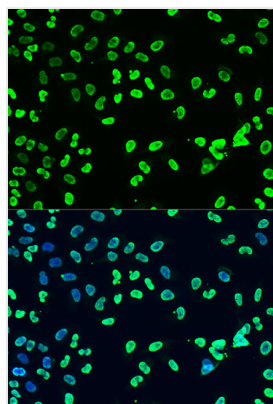
PRODUCT SYNONYMS

DiMethyl-DNMT3A-K44; Polyclonal Antibody; DiMethyl-DNMT3A-K44 pAb; Dnmt3a; Mmullia; DNMT3A2; M.Hsallia; TBRS; DNA methyltransferase 3A; anti-Dnmt3a antibody

PRODUCT SPECIFICATIONS

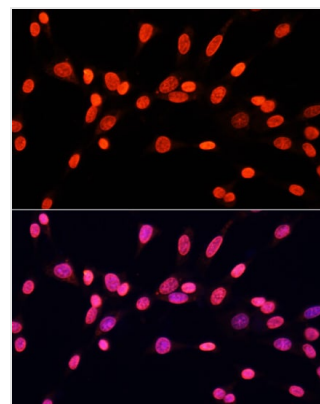
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Sequence Length	908
Applicable Applications for anti-Dnmt3a antibody	IF (Immunofluorescence)
Immunogen	A synthetic dimethylated peptide around K44 of mouse DNMT3A (NP_031898.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



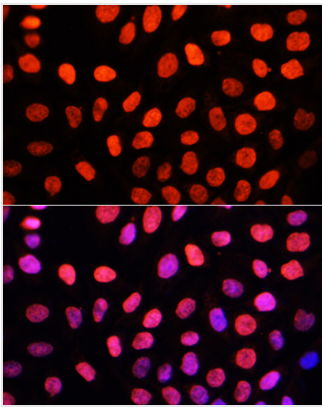
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using DiMethyl-DNMT3A-K44 antibody.

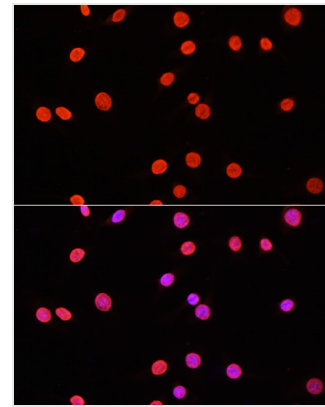


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using DiMethyl-DNMT3A-K44 antibody.



IF (Immunofluorescence)
Immunofluorescence analysis of C6 cells using DiMethyl-DNMT3A-K44 antibody.



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cells using DiMethyl-DNMT3A-K44 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Dnmt3a antibody	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.
Product Categories/Family for anti-Dnmt3a antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6681209
NCBI GeneID	13435
NCBI Accession #	NP_031898.1
NCBI GenBank Nucleotide #	NP_031898.1
UniProt Accession #	O88508
NCBI Official Full Name	DNA (cytosine-5)-methyltransferase 3A isoform 1
NCBI Official Synonym Full Names	DNA methyltransferase 3A
NCBI Official Symbol	Dnmt3a
NCBI Official Synonym Symbols	MmulIIA
NCBI Protein Information	DNA (cytosine-5)-methyltransferase 3A
UniProt Protein Name	DNA (cytosine-5)-methyltransferase 3A
UniProt Gene Name	Dnmt3a
UniProt Synonym Gene Names	Dnmt3a; DNA MTase MmulIIA; M.MmulIIA
UniProt Entry Name	DNM3A_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dimethyl-dnmt3a-k44-antibody-immunofluorescence-elisa/311256>