

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

DiMethyl-DNMT3A-K44 pAb

CATALOG # AAA281454	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence
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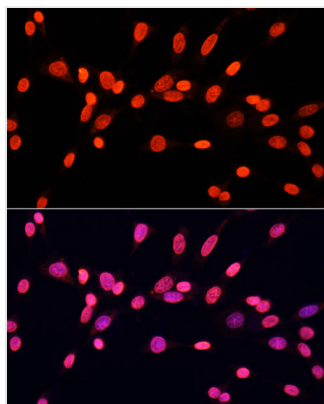
PRODUCT SYNONYMS

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

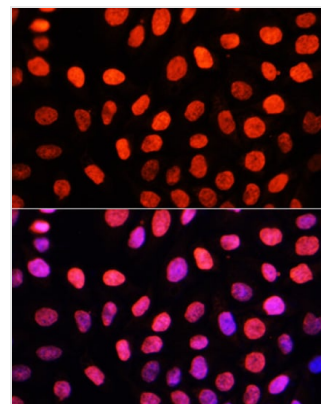
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1.16 mg/ml (varies by lot)
Sequence Length	908
Applicable Applications for anti-DNMT3A-K44 antibody	IF (Immunofluorescence)
Immunogen	A synthetic dimethylated peptide around K44 of mouse DNMT3A (NP_031898.1).
Immunogen Sequence	ARKVG
Cellular Location	Cytoplasm, Nucleus
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

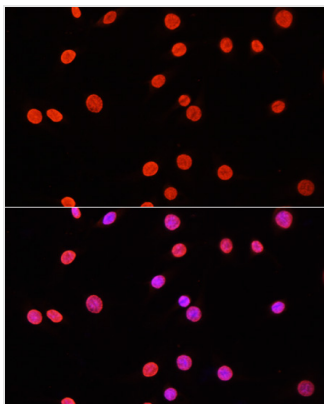
IMAGES



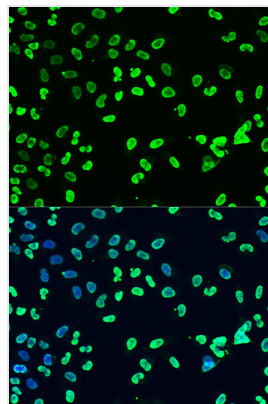
IF (Immunofluorescence)
Immunofluorescence-DiMethyl-DNMT3A-K44 pAb



IF (Immunofluorescence)
Immunofluorescence-DiMethyl-DNMT3A-K44 pAb



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Immunofluorescence-DiMethyl-DNMT3A-K44 pAb



IF (Immunofluorescence)
Immunofluorescence-DiMethyl-DNMT3A-K44 pAb

ADDITIONAL INFORMATION

Related Product Information for anti-DNMT3A-K44 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	418203928
NCBI GeneID	13435
NCBI Accession #	NP_001258682.1
NCBI GenBank Nucleotide #	NP_001258682.1
UniProt Accession #	O88508
Molecular Weight	77kDa; 101kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/dnmt3a-k44-antibody-immunofluorescence-elisa/281454>