

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

DNMT3A Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279478	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

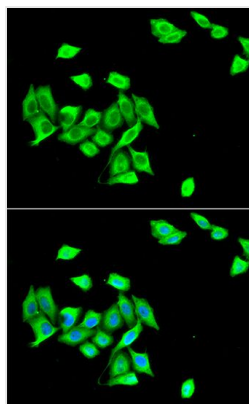
PRODUCT SYNONYMS

DNMT3A; Polyclonal Antibody; DNMT3A Polyclonal Antibody; DNMT3A2; M.HsaIIA; anti-DNMT3A antibody

PRODUCT SPECIFICATIONS

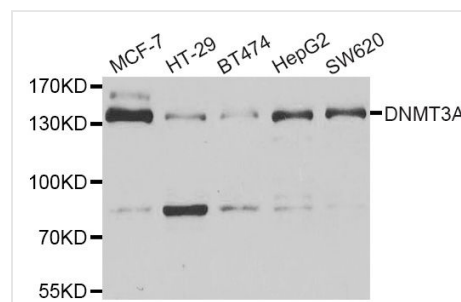
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	912
Applicable Applications for anti-DNMT3A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human DNMT3A
Calculated Molecular Weight	101kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using DNMT3A antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DNMT3A antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

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. Alternative splicing results in multiple transcript variants encoding different isoforms.
Product Categories/Family for anti-DNMT3A antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	166215081
NCBI GeneID	1788
UniProt Accession #	Q9Y6K1; Q86TE8; Q86XF5; Q8IZV0; Q8WXU9; E9PEB8
Molecular Weight	912
NCBI Official Full Name	DNA (cytosine-5)-methyltransferase 3A
NCBI Official Synonym Full Names	DNA (cytosine-5-)-methyltransferase 3 alpha
NCBI Official Symbol	DNMT3A
NCBI Official Synonym Symbols	TBR5; DNMT3A2; M.HsaIIIA
NCBI Protein Information	DNA (cytosine-5)-methyltransferase 3A; DNA (cytosine-5)-methyltransferase 3A; DNA MTase HsaIIIA; DNA cytosine methyltransferase 3A2
UniProt Protein Name	DNA (cytosine-5)-methyltransferase 3A
UniProt Gene Name	DNMT3A
UniProt Synonym Gene Names	Dnmt3a; DNA MTase HsaIIIA; M.HsaIIIA
UniProt Entry Name	DNM3A_HUMAN

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://stage.aaabiotech.com/polyclonal/dnmt3a-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/279478>