

Rabbit DNMT3L Polyclonal Antibody | anti-DNMT3L antibody

DNMT3L Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177585	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

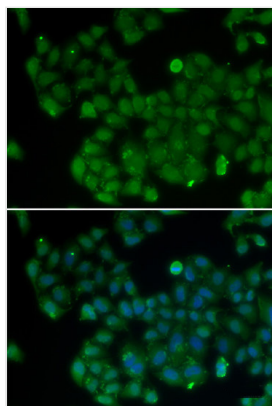
PRODUCT SYNONYMS

DNMT3L; Polyclonal Antibody; DNMT3L Polyclonal Antibody; anti-DNMT3L antibody

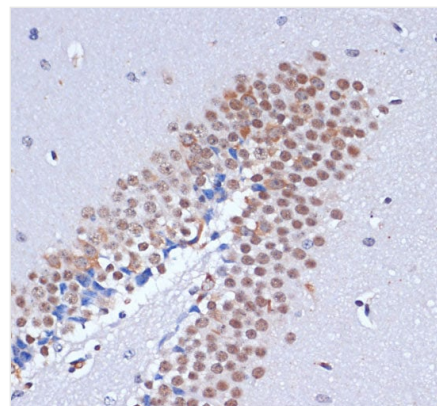
PRODUCT SPECIFICATIONS

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	1mg/mL (varies by lot)
Applicable Applications for anti-DNMT3L antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant fusion protein of human DNMT3L (NP_7870631)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

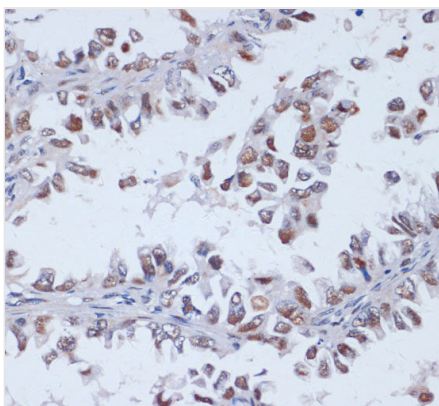
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using DNMT3L Polyclonal Antibody

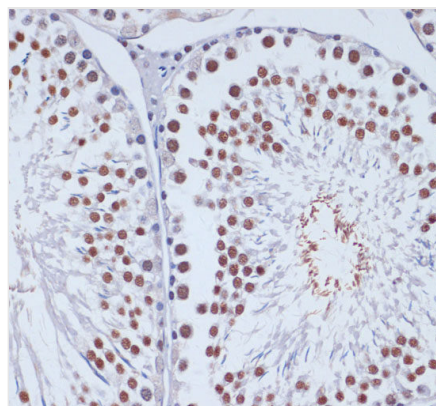

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain using DNMT3L Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using DNMT3L Polyclonal Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat testis using DNMT3L Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-DNMT3L 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 nuclear protein with similarity to DNA methyltransferases, but is not thought to function as a DNA methyltransferase as it does not contain the amino acid residues necessary for methyltransferase activity. However, it does stimulate de novo methylation by DNA cytosine methyltransferase 3 alpha and is thought to be required for the establishment of maternal genomic imprints. This protein also mediates transcriptional repression through interaction with histone deacetylase 1. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-DNMT3L antibody	Cancer ; Epigenetics and Nuclear Signaling ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	334302913
NCBI GeneID	29947
UniProt Accession #	Q9UJW3 ; Q9BUJ4 ; E9PB42
Molecular Weight	386
NCBI Official Full Name	DNA (cytosine-5)-methyltransferase 3-like
NCBI Official Synonym Full Names	DNA (cytosine-5-)-methyltransferase 3-like
NCBI Official Symbol	DNMT3L
NCBI Protein Information	DNA (cytosine-5)-methyltransferase 3-like; DNA (cytosine-5)-methyltransferase 3-like; cytosine-5-methyltransferase 3-like protein; human cytosine-5-methyltransferase 3-like protein
UniProt Protein Name	DNA (cytosine-5)-methyltransferase 3-like
UniProt Gene Name	DNMT3L
UniProt Entry Name	DNM3L_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/dnmt3l-antibody-immunofluorescence-immunohistochemistry-elisa/177585>