

Rabbit DNMT3L Polyclonal Antibody | anti-DNMT3L antibody

DNMT3L Polyclonal Antibody

CATALOG # AAA168870	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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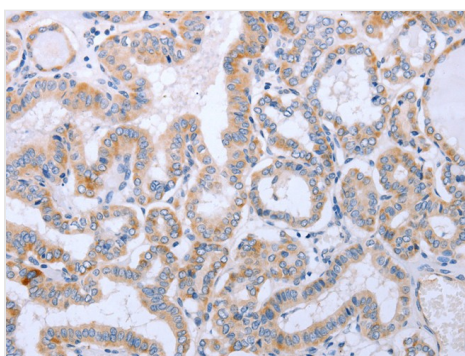
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

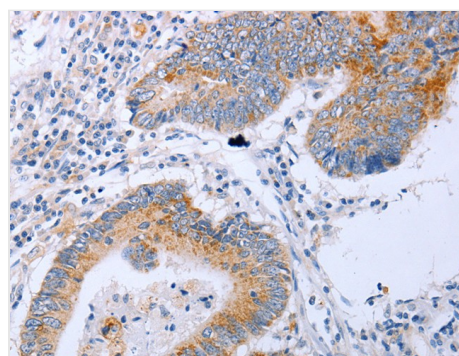
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.4mg/mL (varies by lot)
Sequence Length	386
Applicable Applications for anti-DNMT3L antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human DNMT3L
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using DNMT3L Polyclonal Antibody at dilution of 1:10



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using DNMT3L Polyclonal Antibody at dilution of 1:10

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	Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872780
NCBI GeneID	29947
NCBI Accession #	NP_787063.1
NCBI GenBank Nucleotide #	NM_175867.2
Molecular Weight	43,670 Da
NCBI Official Full Name	DNA (cytosine-5)-methyltransferase 3-like isoform 2
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-immunohistochemistry-elisa/168870>