

Rabbit anti-Human DNMT3L Polyclonal Antibody | anti-DNMT3L antibody

DNMT3L Antibody

CATALOG # AAA303857	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

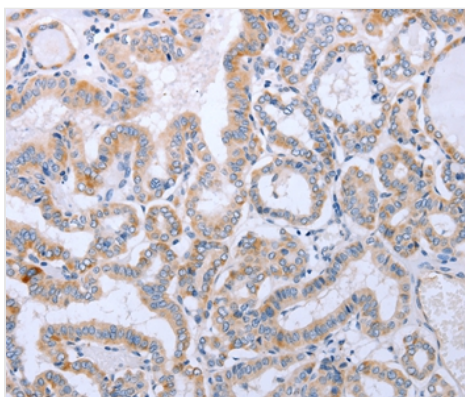
PRODUCT SYNONYMS

DNMT3L; Polyclonal Antibody; DNMT3L Antibody; cytosine-5-methyltransferase 3-like protein; MGC1090; anti-DNMT3L antibody

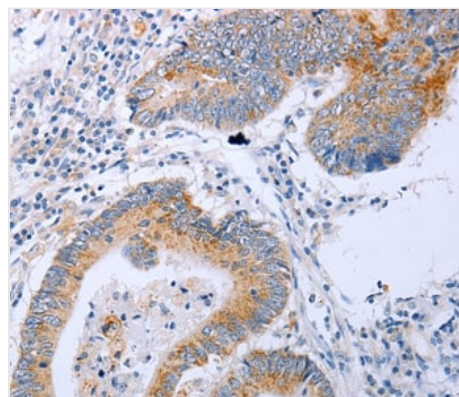
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total DNMT3L protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.4 mg/ml (varies by lot)
Sequence Length	387
Applicable Applications for anti-DNMT3L antibody	IHC (Immunohistochemistry)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human DNA (cytosine-5-)-methyltransferase 3-like
Target Name	DNMT3L
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/10.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	28872778
NCBI GeneID	29947
NCBI Accession #	NP_037501.2
NCBI GenBank Nucleotide #	NM_013369.3
UniProt Accession #	Q9UJW3; Q9BUJ4; E9PB42
Molecular Weight	43,670 Da
NCBI Official Full Name	DNA (cytosine-5)-methyltransferase 3-like isoform 1
NCBI Official Synonym Full Names	DNA (cytosine-5-)-methyltransferase 3-like
NCBI Official Symbol	DNMT3L
NCBI Protein Information	DNA (cytosine-5)-methyltransferase 3-like
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.