

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

DNMT3L Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233117	Rabbit	Human	Western Blot, Immunofluorescence, ELISA

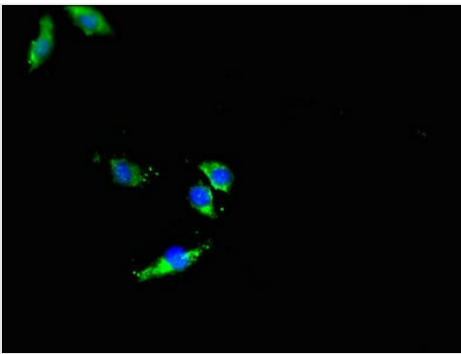
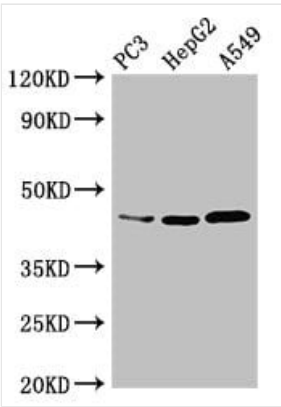
PRODUCT SYNONYMS

DNMT3L; Polyclonal Antibody; DNMT3L Antibody; DNA (cytosine-5)-methyltransferase 3-like; anti-DNMT3L antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	387
Applicable Applications for anti-DNMT3L antibody	WB (Western Blot), IF (Immunofluorescence), ELISA
Immunogen	Recombinant Human DNA (cytosine-5)-methyltransferase 3-like protein (1-234AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-10239 / sc-10241 / sc-20705
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	DNMT3L
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescent analysis of HeLa cells using AAA233117 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

WB (Western Blot)
Western BlotPositive WB detected in: PC3 whole cell lysate,HepG2 whole cell lysate,A549 whole cell lysateAll lanes: DNMT3L antibody at 3.4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 44 KDaObserved band size: 44 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-DNMT3L antibody	Catalytically inactive regulatory factor of DNA methyltransferases. It is essential for the function of DNMT3A and DNMT3B. Activates DNMT3A and DNMT3B by binding to their catalytic domain. Accelerates the binding of DNA and AdoMet to the methyltransferases and dissociates from the complex after DNA binding to the methyltransferases. Recognizes unmethylated histone H3 lysine 4 (H3K4) and induces de novo DNA methylation by recruitment or activation of DNMT3.
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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
NCBI Official Full Name	DNA (cytosine-5)-methyltransferase 3-like isoform 1
NCBI Official Synonym Full Names	DNA 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.