



Anti-DNMT3L Antibody

Alternative Names: DNA (cytosine-5-)-methyltransferase 3-like (DNMT3L), DNA methyltransferase 3-like.

Catalogue Number: AA17-10039-50ug

Size: 50 µg

Background Information

DNA methyltransferase 3-like (DNMT3L) as a catalytically inactive regulatory factor of DNA methyltransferases that can either promote or inhibit DNA methylation. It is not thought to function as a DNA methyltransferase itself as it does not contain the amino acid residues necessary for methyltransferase activity. However, it is essential for the function of DNMT3A and DNMT3B and it is thought to be required for the establishment of maternal genomic imprints. This protein also mediates transcriptional repression through interaction with histone deacetylase 1 and plays a key role in embryonic stem cells and germ cells.

Product Information

Antibody Type:	Polyclonal	Host:	Rabbit
Isotype:	IgG	Species Reactivity:	Human
Immunogen:	Partial length recombinant human Dnmt3L covering the central and C-terminal regions of the protein		
Format:	50 µg in 100 µl PBS containing 0.05% BSA and 0.05% sodium azide.		
Storage Conditions:	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
Applications:	WB WB: 1-2 ug/ml		

Additional Information

Subcellular location:	Nucleus	MW:	44kDa (Intended as a general guide and does not allow for all isoforms and species variations)
Gene ID	29947	Uniprot ID:	Q9UJW3