



## Anti-DNMT3L Antibody

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

**Catalogue Number:** AA17-10039-100ug

**Size:** 100 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

<b>Antibody Type:</b>	Polyclonal	<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG	<b>Species Reactivity:</b>	Human
<b>Immunogen:</b>	Partial length recombinant human Dnmt3L covering the central and C-terminal regions of the protein		
<b>Format:</b>	100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide.		
<b>Storage Conditions:</b>	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
<b>Applications:</b>	WB WB: 1-2 ug/ml		

### Additional Information

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