

DNMT3L antibody

Catalog No: #38399

Package Size: #38399-1 50ul #38399-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

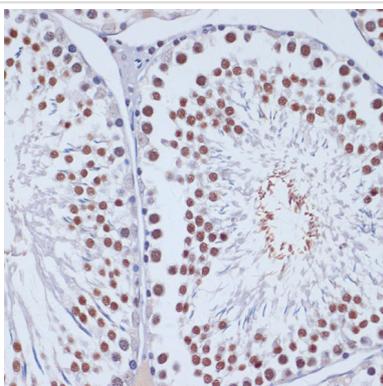
Description

Product Name	DNMT3L antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total DNMT3L protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human DNMT3L (NP_787063.1).
Target Name	DNMT3L
Other Names	DNMT3L
Accession No.	Uniprot:Q9UJW3GeneID:29947
SDS-PAGE MW	/
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

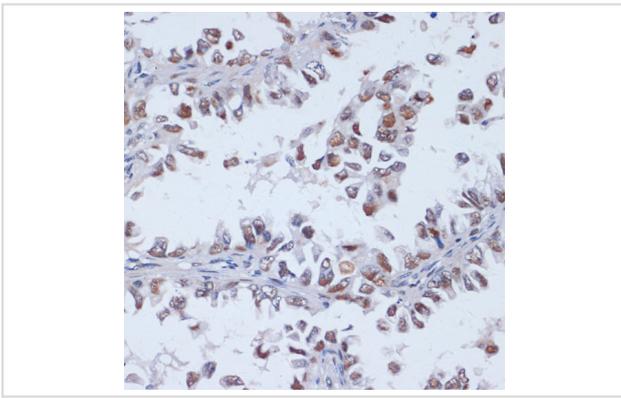
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200

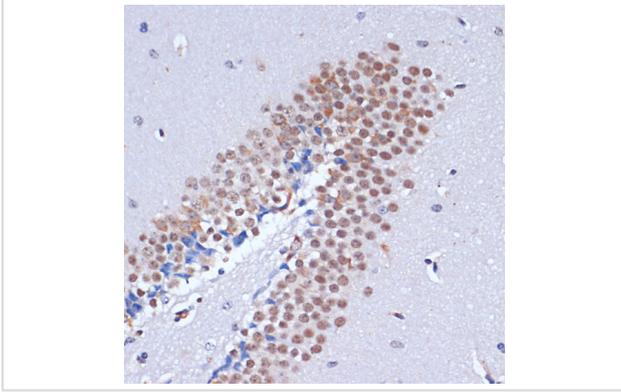
Images



Immunohistochemistry of paraffin-embedded rat testis using DNMT3L antibody.



Immunohistochemistry of paraffin-embedded human lung cancer using DNMT3L antibody.



Immunohistochemistry of paraffin-embedded mouse brain using DNMT3L antibody.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.