

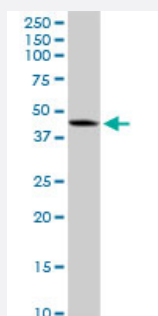
MaxPab®

# DNMT3L purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00029947-D01P

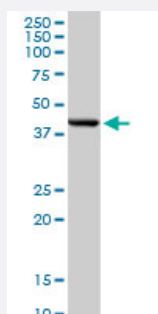
Size 100 ug

## Applications



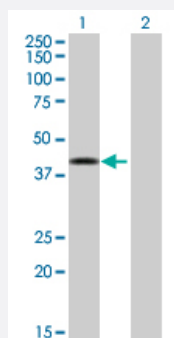
### Western Blot (Tissue lysate)

DNMT3L MaxPab rabbit polyclonal antibody. Western Blot analysis of DNMT3L expression in human liver.



### Western Blot (Tissue lysate)

DNMT3L MaxPab rabbit polyclonal antibody. Western Blot analysis of DNMT3L expression in mouse liver.

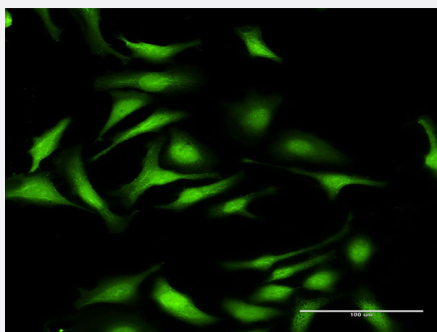


### Western Blot (Transfected lysate)

Western Blot analysis of DNMT3L expression in transfected 293T cell line ([H00029947-T02](#)) by DNMT3L MaxPab polyclonal antibody.

Lane 1: DNMT3L transfected lysate(43.50 KDa).

Lane 2: Non-transfected lysate.



## Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DNMT3L on HeLa cell.  
[antibody concentration 30 ug/ml]

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against a full-length human DNMT3L protein.
<b>Immunogen</b>	DNMT3L (AAH02560.1, 1 a.a. ~ 386 a.a) full-length human protein.
<b>Sequence</b>	MAAIPALDPEAEPSMDVILVGSSSELSSSVSPGTGRDLIAYEVKANQRNIEDICICGSLQVHTQHPL FEGGICAPCKDKFLDALFLYDDDGYSYCSICCSGETLLICGNPDCTRCYCFECVDSL VGPGTSG KVHAMSNWVCYLCLPSSRSGLLQRRRKWRSQKAFYDRESENPLEMFETVPVWRRQPVRVLSL FEDIKKELTSLGFLESGSDPGQLKHVVDVTDTVRKDVEEWGPFDLVYGATPPLGHTCDRPPSWY LFQFHRLLQYARPKPGSPGPFFWMFVDNLVLNKEDLDVASRFLEMEPV TIPDVHGGSLQNAV RV WSNIPAIRSRHWALVSEEELSLLAQNKQSSKLA AKWPTKLVKNCFLPLREYFKYFSTELTSSL
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Quality Control Testing</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

### ● Western Blot (Tissue lysate)

DNMT3L MaxPab rabbit polyclonal antibody. Western Blot analysis of DNMT3L expression in human liver.

[Protocol Download](#)

- Western Blot (Tissue lysate)

DNMT3L MaxPab rabbit polyclonal antibody. Western Blot analysis of DNMT3L expression in mouse liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of DNMT3L expression in transfected 293T cell line ([H00029947-T02](#)) by DNMT3L MaxPab polyclonal antibody.

Lane 1: DNMT3L transfected lysate(43.50 KDa).

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to DNMT3L on HeLa cell. [antibody concentration 30 ug/ml]

## Gene Info — DNMT3L

Entrez GeneID [29947](#)

GeneBank Accession# [BC002560.2](#)

Protein Accession# [AAH02560.1](#)

Gene Name DNMT3L

Gene Alias MGC1090

Gene Description DNA (cytosine-5-)-methyltransferase 3-like

Omim ID [606588](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. This protein is not thought to function as a DNA methyltransferase as it does not contain the amino acid residues necessary for methyltransferase activity. However, this protein does stimulate de novo methylation by DNA cytosine methyltransferase 3 alpha 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. Alternative splicing results in two transcript variants. An additional splice variant has been described but its biological validity has not been determined. [provided by RefSeq]

**Other Designations** cytosine-5-methyltransferase 3-like protein|human cytosine-5-methyltransferase 3-like protein

## Pathway

- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)