

## DNMT3L antibody

Cat. No. GTX23493

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, IP, ELISA, IHC
Reactivity	Human

Package  
50 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500
IHC-P	1:500
IP	1:100
ELISA	1:1000-1:3000
IHC	1:500

Not tested in other applications.

Calculated MW 44 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.11 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide corresponding to an internal region near aa 150-175 of Human DNMT3L (DNA (cytosine-5-)-methyltransferase 3-like). DNMT3L is a nuclear protein with similarity to DNA methyltransferases.
Purification	Purified by antigen-affinity chromatography. This is an affinity purified antibody produced by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase.
Conjugation	Unconjugated

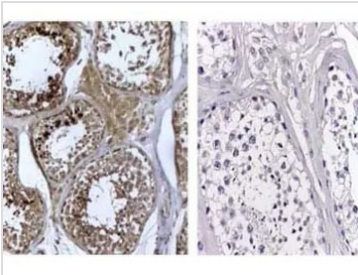
For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

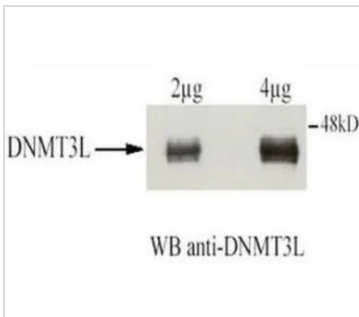
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES



### GTX23493 IHC Image

Immunohistochemistry Rabbit Anti-Human DNMT3L Antibody 1:500



### GTX23493 IP Image

Affinity Purified Rabbit anti-DNMT3L was used at a 1:1,500 dilution to detect human DNMT3L by western blot after immunoprecipitation using the same antibody. Transfection of U2OS cells (10cm dish) was accomplished using 3 µg of GAL4-DNMT3L. Protein extraction using IPH at 150mM. For IP and WB conditions see Fuks et al. (2000). For western blotting the antibody was used at 0.4µg/ml in TBS milk 2%, BSA 0.5%. Detection occurred using ECL. Note: this antibody works for western blotting only following immunoprecipitation. We have not had good success using the antibody directly for western blotting. The expected molecular weight of human DNMT3L is 43.6 kDa.



For full product information, images and publications, please visit our [website](#).