



[Go to Product page](#)

Datasheet for ABIN356591

## anti-DNMT3L antibody (AA 392-421)

### 2 Images

#### Overview

Quantity:	0.4 mL
Target:	DNMT3L (TRDMT1)
Binding Specificity:	AA 392-421
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNMT3L antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	KLH conjugated synthetic peptide between 392~421 amino acids from the Mouse Dnmt3L sequence within the last 100 aa.
Isotype:	Ig Fraction
Specificity:	This antibody is specific to Mouse Dnmt3L. It may recognize the Human homolog (44 kDa)
Cross-Reactivity (Details):	Species reactivity (expected):Human. Species reactivity (tested):Mouse.
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

#### Target Details

Target:	DNMT3L (TRDMT1)
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## Target Details

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Alternative Name:	DNMT3L ( <a href="#">TRDMT1 Products</a> )
Background:	MDnmt3L (DNA methyltransferase 3L) does not appear to be catalytically active due to loss of the critical active site residues. It may function not directly as a DNA methyltransferase but rather as a regulator of methylation at imprinted loci. It is required specifically for the establishment of genomic imprints but is dispensable for their propagation. It is essential for the de novo methylation of single-copy DNA sequences. The protein is well-express in testis, thymus, ovary, and heart. mDnmt3L, which belongs to the 5-cytosine methyltransferase family, contains 1 ADD-type zinc finger.Synonyms: DNA (cytosine-5)-methyltransferase 3-like
Gene ID:	54427, 10090
UniProt:	<a href="#">Q9CWR8</a>

## Application Details

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Application Notes:	ELISA: 1/1,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

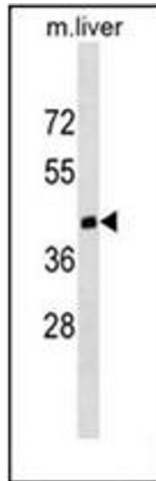


Image 1.

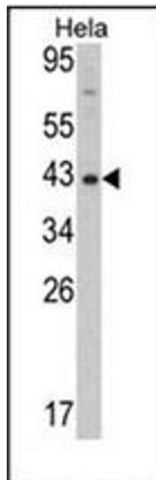


Image 2.