

Datasheet for ABIN7150108
anti-DNMT3L antibody (AA 1-234)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	DNMT3L (TRDMT1)
Binding Specificity:	AA 1-234
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNMT3L antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human DNA (cytosine-5)-methyltransferase 3-like protein (1-234AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DNMT3L (TRDMT1)
Alternative Name:	DNMT3L (TRDMT1 Products)
Background:	Background: Catalytically inactive regulatory factor of DNA methyltransferases. It is essential for the function of DNMT3A and DNMT3B. Activates DNMT3A and DNMT3B by binding to their

Target Details

catalytic domain. Accelerates the binding of DNA and AdoMet to the methyltransferases and dissociates from the complex after DNA binding to the methyltransferases. Recognizes unmethylated histone H3 lysine 4 (H3K4) and induces de novo DNA methylation by recruitment or activation of DNMT3.

Aliases: Cytosine 5 methyltransferase 3 like protein antibody, DNA (cytosine 5) methyltransferase 3 like antibody, DNA (cytosine-5)-methyltransferase 3-like antibody, DNA cytosine 5 methyltransferase 3 like protein antibody, DNA methyltransferase 3 like protein antibody, DNMT3L_HUMAN antibody, Dnmt 3L antibody, Dnmt3l antibody, Human cytosine 5 methyltransferase 3 like protein antibody, MGC1090 antibody

UniProt: [Q9UJW3](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

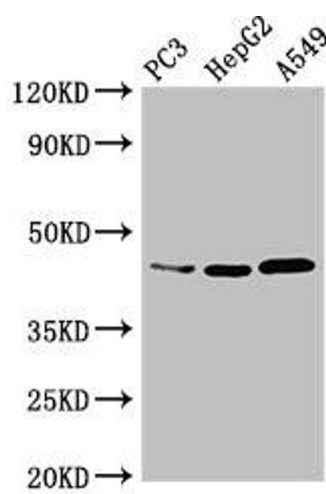
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

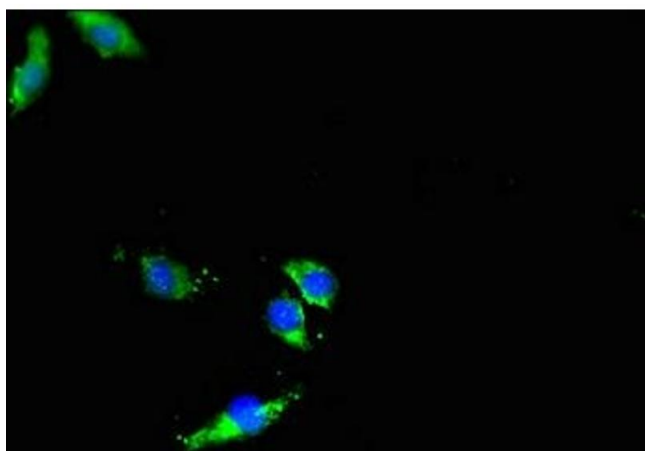
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western Blot Positive WB detected in: PC-3 whole cell lysate, HepG2 whole cell lysate, A549 whole cell lysate
All lanes: DNMT3L antibody at 3.4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 44 kDa Observed band size: 44 kDa



Immunofluorescence

Image 2. Immunofluorescent analysis of HeLa cells using ABIN7150108 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)