antibodies - online.com







anti-DNMT3B antibody (AA 1-100)



Images



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Quantity:	100 μg
Target:	DNMT3B
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNMT3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human DNA (cytosine-5)-methyltransferase 3B protein (1-100AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

Target Details

Target:	DNMT3B	
Alternative Name:	DNMT3B (DNMT3B Products)	
Background:	Background: Required for genome-wide de novo methylation and is essential for the	
	establishment of DNA methylation patterns during development. DNA methylation is	

coordinated with methylation of histones. May preferentially methylates nucleosomal DNA within the nucleosome core region. May function as transcriptional co-repressor by associating with CBX4 and independently of DNA methylation. Seems to be involved in gene silencing (By similarity). In association with DNMT1 and via the recruitment of CTCFL/BORIS, involved in activation of BAG1 gene expression by modulating dimethylation of promoter histone H3 at H3K4 and H3K9. Isoforms 4 and 5 are probably not functional due to the deletion of two conserved methyltransferase motifs. Function as transcriptional corepressor by associating with ZHX1.

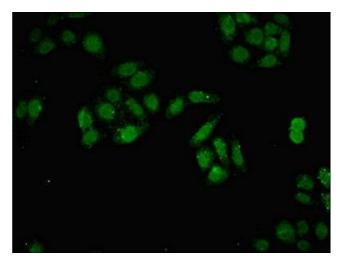
Aliases: Cytosine 5methyltransferase 3B antibody, DNA antibody, DNA (cytosine 5) methyltransferase 3 beta antibody, DNA (cytosine 5)-methyltransferase 3B antibody, DNA (cytosine-5)-methyltransferase 3B antibody, DNA methyltransferase HsallIB antibody, DNA MTase HsallIB antibody, DNM3B_HUMAN antibody, Dnmt3b antibody, EC 2.1.1.37 antibody, ICF antibody, ICF1 antibody, M.HsallIB antibody, MGC124407 antibody, RP23-89H14.3 antibody

UniProt:

Q9UBC3

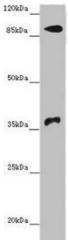
Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, 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.	



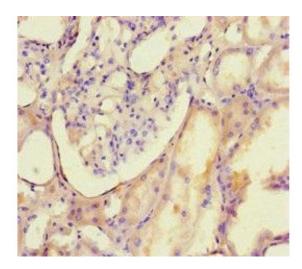
Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7150116 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western blot All lanes: DNMT3B antibody at 14μ g/mL + Hela whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 96, 94, 87, 81, 89, 95, 78, 82 kDa Observed band size: 96, 37 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7150116 at dilution of 1:100

Please check the product details page for more images. Overall 4 images are available for ABIN7150116.