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Datasheet for ABIN387907

anti-DNMT3L antibody (AA 389-421)

2 Images



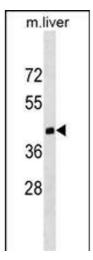
Go to Product page

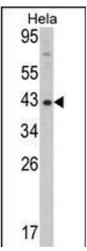
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0.1011	
Quantity:	400 μL
Target:	DNMT3L (TRDMT1)
Binding Specificity:	AA 389-421
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNMT3L antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	This Mouse Dnmt3L antibody is generated from rabbits immunized with a KLH conjugated
	synthetic peptide between 389-421 amino acids from mouse Dnmt3L.
Clone:	RB2393
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by
	dialysis against PBS.
Target Details	
Target:	DNMT3L (TRDMT1)

Target Details

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Alternative Name:	Dnmt3L (TRDMT1 Products)
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.
Molecular Weight:	47993
Gene ID:	54427
NCBI Accession:	NP_001075164, NP_062321
UniProt:	Q9CWR8
Application Details	
Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





Western Blotting

Western Blotting

Image 2. Western blot analysis of Mouse Dnmt3L Antibody (ABIN387907 and ABIN2844287) in Hela cell line lysates (35 μ g/lane). Dnmt3I (arrow) was detected using the purified Pab.