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Datasheet for ABIN891352

anti-SETDB2 antibody (AA 21-120) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	SETDB2
Binding Specificity:	AA 21-120
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SETDB2 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CLLD8/SETDB2
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Cow, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SETDB2
Alternative Name:	CLLD8 (SETDB2 Products)

Target Details

Background:	<p>Synonyms: Histone-lysine N-methyltransferase SETDB2, C13orf4, Chromosome 13 open reading frame 4, Chronic lymphocytic leukemia deletion region 8, Chronic lymphocytic leukemia deletion region gene 8, Chronic lymphocytic leukemia deletion region gene 8 protein, Cld8, CLLL8, Gm293, H3-K9-HMTase, Histone H3-K9 methyltransferase, KMT1F, Lysine N-methyltransferase 1F, Probable histone-lysine N-methyltransferase H3 lysine-9 specic, SEB2, SET domain burcated 2, SET domain protein, burcated, 2, SETB2_HUMAN, Setdb2.</p> <p>Background: Histone methyltransferase involved in left-right axis specification in early development and mitosis. Specifically trimethylates 'Lys-9' of histone H3 (H3K9me3). H3K9me3 is a specific tag for epigenetic transcriptional repression that recruits HP1 (CBX1, CBX3 and/or CBX5) proteins to methylated histones. Contributes to H3K9me3 in both the interspersed repetitive elements and centromere-associated repeats. Plays a role in chromosome condensation and segregation during mitosis.</p>
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Gene ID:	83852
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months