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Datasheet for ABIN873188 **anti-SETDB2 antibody (AA 21-120)**

Overview

Quantity:	100 µL
Target:	SETDB2
Binding Specificity:	AA 21-120
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SETDB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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
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Target Details

Alternative Name:	CLLD8 (SETDB2 Products)
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, Clld8, 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>
Gene ID:	83852

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months