



[Go to Product page](#)

Datasheet for ABIN5000210

## anti-SETDB2 antibody (AA 21-120) (Alexa Fluor 750)

### 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 750
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 ( <a href="#">SETDB2 Products</a> )

## Target Details

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**Background:** 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.

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.

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**Gene ID:** 83852

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months