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Datasheet for ABIN891339  
**anti-SETDB2 antibody (AA 21-120) (Cy3)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | SETDB2   |
| Binding Specificity: | AA 21-120  |
| Reactivity:          | Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This SETDB2 antibody is conjugated to Cy3  |
| 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.

**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

**Restrictions:** For Research Use only

## Handling

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**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