



Rabbit Anti-CLLD8 antibody

SL6414R

Product Name:	CLLD8
Chinese Name:	组蛋白H3-K9甲基转移酶抗体
Alias:	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; Cll8; CLLL8; Gm293; H3-K9-HMTase; Histone H3-K9 methyltransferase; KMT1F; Lysine N-methyltransferase 1F; Probable histone-lysine N-methyltransferase H3 lysine-9 specific; SEB2; SET domain bifurcated 2; SET domain protein, bifurcated, 2; SETB2 HUMAN; Setdb2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	79kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CLLD8/SETDB2:21-120/719
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Function:

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.

Subcellular Location:

Nucleus. Chromosome (Probable).

Tissue Specificity:

Ubiquitous. Highest expression in heart, testis and ovary.

Similarity:

Belongs to the histone-lysine methyltransferase family.

Contains 1 MBD (methyl-CpG-binding) domain.

Contains 1 pre-SET domain.

Contains 1 SET domain.

SWISS:

Q96T68

Gene ID:

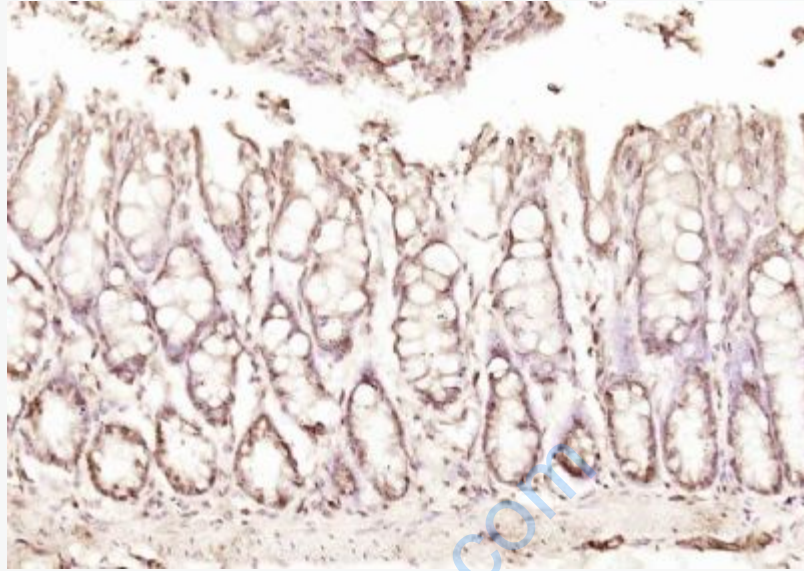
83852

Database links:

- [Entrez Gene: 83852](#)Human
- [Omid: 607865](#)Human
- [SwissProt: Q96T68](#)Human
- [Unigene: 631789](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CLLD8) Polyclonal Antibody, Unconjugated (SL6414R) (sp-0023) instructions and DAB staining.

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