

## CDYL1 Rabbit pAb

CatalogNo: YN1724

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,Rat,Mouse,

#### Applications

- WB,ELISA

#### MW

- 65kD (Observed)

#### Isotype

- IgG

### | Recommended Dilution Ratios

**WB 1:500-2000**

**ELISA 1:5000-20000**

### | Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human protein . at AA range: 60-140

**Specificity** CDYL1 Polyclonal Antibody detects endogenous levels of protein.

### | Target Information

**Gene name** CDYL CDYL1

Protein Name	Chromodomain Y-like protein (CDY-like) (EC 2.3.1.48)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">9425;</a>	<a href="#">Q9Y232;</a>
Cellular Localization	[Isoform 2]: Nucleus . Chromosome . Recognizes and binds histone H3 trimethylated at 'Lys-9', dimethylated at 'Lys-27' and trimethylated at 'Lys-27' (H3K9me3, H3K27me2 and H3K27me3, respectively) on chromatin (PubMed:19808672). Multimerization is required for chromatin-binding (PubMed:19808672). Recruited to sites of DNA double strand breaks in a PARP1-dependent fashion (PubMed:29177481). .		
Tissue specificity	Expressed in the hippocampus with reduced expression in epileptic tissue compared to normal adjacent tissue (at protein level) (PubMed:28842554). Ubiquitous (PubMed:19808672). Expressed at moderate levels in all tissues examined (PubMed:19808672). Isoform 2: Most abundantly expressed isoform (PubMed:19808672).		
Function	Catalytic activity:Acetyl-CoA + histone = CoA + acetylhistone.,Function:Acts as repressor of transcription (By similarity). Has histone acetyltransferase activity, with a preference for histone H4.,miscellaneous:Interaction with HDAC1 or HDAC2 prevents coenzyme A binding.,similarity:Contains 1 chromo domain.,subunit:Interacts with HDAC1 and HDAC2 via its C-terminal acetyl-CoA-binding domain.,tissue specificity:Ubiquitous. Expressed at moderate levels in all tissues examined.,		

## Validation Data

## Contact information

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Please scan the QR code to access additional product information:  
**CDYL1 Rabbit pAb**

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