

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	9425;	Q9Y232;
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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