

## PICAL Rabbit pAb

CatalogNo: YN1049

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human,Rat,Mouse,

#### Applications

- WB,ELISA

#### MW

- 71kD (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: 290-370

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

### Target Information

**Gene name** PICALM CALM

Protein Name	Phosphatidylinositol-binding clathrin assembly protein (Clathrin assembly lymphoid myeloid leukemia protein)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">8301</a> ;	<a href="#">Q13492</a> ;
Cellular Localization	Cell membrane . Membrane, clathrin-coated pit . Golgi apparatus . Cytoplasmic vesicle, clathrin-coated vesicle . Nucleus . Colocalized with clathrin in the Golgi area (PubMed:10436022). Interaction with PIMREG may target PICALM to the nucleus in some cells (PubMed:16491119). .		
Tissue specificity	Expressed in all tissues examined.		
Function	Disease:A chromosomal aberration involving PICALM is found in diffuse histiocytic lymphomas. Translocation t(10;11)(p13;q14) with MLLT10.,Function:Assembly protein recruiting clathrin and adaptor protein complex 2 (AP2) to cell membranes at sites of coated-pit formation and clathrin-vesicle assembly. May be required to determine the amount of membrane to be recycled, possibly by regulating the size of the clathrin cage. Involved in AP2-dependent clathrin-mediated endocytosis at the neuromuscular junction.,similarity:Contains 1 ENTH (epsin N-terminal homology) domain.,subcellular location:Colocalized with clathrin in the Golgi area.,subunit:Binds clathrin; involves primarily the C-terminal sequences, but the full-length protein is required for full binding capacity. Binds phosphatidylinositol-4,5- biphosphate.,tissue specificity:Expressed in all tissues examined.,		

## Validation Data

## Contact information

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**PICAL Rabbit pAb**

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