

PCMT1 Rabbit pAb

CatalogNo: YN6093

| Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB

MW

- 25kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

| 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 PCMT1

Specificity

This antibody detects endogenous levels of PCMT1 at Human,Rat

| Target Information

Gene name

PCMT1

Protein Name	Protein-L-isoaspartate(D-aspartate) O-methyltransferase (PIMT) (L-isoaspartyl protein carboxyl methyltransferase) (Protein L-isoaspartyl/D-aspartyl methyltransferase) (Protein-beta-aspartate methyltransferase)		
	Organism	Gene ID	UniProt ID
	Human	5110;	P22061;
	Mouse		P23506;
	Rat	25604;	P22062;
Cellular Localization	Cytoplasm, cytosol .		
Function	Initiates the repair of damaged proteins by catalyzing methyl esterification of L-isoaspartyl and D-aspartyl residues produced by spontaneous isomerization and racemization of L-aspartyl and L-asparaginyl residues in aging peptides and proteins . Acts on EIF4EBP2, microtubule-associated protein 2, calreticulin, clathrin light chains a and b, Ubiquitin C-terminal hydrolase isozyme L1, phosphatidylethanolamine-binding protein 1, stathmin, beta-synuclein and alpha-synuclein (By similarity).		

| Validation Data

| Contact information

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