

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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PCMT1 Rabbit pAb

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