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Anti-PCMT1 Antibody (clone 4G9)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS18347

Product Information

Application	WB, IHC-P, E
Primary Accession	P22061
Predicted	Human, Rat
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Names	4G9
Calculated MW	24636
Concentration (mg/ml)	0.43 mg/ml

Additional Information

Gene ID	5110
Alias Symbol	PCMT1
Other Names	PCMT1, PIMT
Target/Specificity	Human PCMT1
Reconstitution & Storage	Protein A purified
Precautions	Anti-PCMT1 Antibody (clone 4G9) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PCMT1
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 (PubMed:3167043, PubMed:6469980). 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).
Cellular Location	Cytoplasm, cytosol.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.