

Datasheet for ABIN7118077 **anti-PCMT1 antibody**

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Overview

Quantity:	100 µg
Target:	PCMT1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PCMT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	protein-L-isoaspartate(D-aspartate) O-methyltransferase
Clone:	7G6
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	PCMT1
Alternative Name:	PCMT1 (PCMT1 Products)
Background:	Synonyms:PCMT1 Background:Catalyzes the methyl esterification of L-isoaspartyl and D-aspartyl residues in peptides and proteins that result from spontaneous decomposition of

Target Details

	normal L-aspartyl and L-asparaginyl residues. It plays a role in the repair and/or degradation of damaged proteins. Acts on EIF4EBP2, microtubule-associated protein 2, calreticulin, clathrin light chains a and b, Ubiquitin carboxyl-terminal hydrolase isozyme L1, phosphatidylethanolamine-binding protein 1, stathmin, beta-synuclein and alpha-synuclein.
Molecular Weight:	25 kDa
Gene ID:	5110
UniProt:	P22061
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB: 1:500-1:2000, IF: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months