antibodies - online.com







anti-PRMT1 antibody (AA 316-347)

Images



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Alternative Name:

Background:

Quantity:	0.4 mL
Target:	PRMT1
Binding Specificity:	AA 316-347
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRMT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	A portion of amino acids 316-347 from the human protein was used as the immunogen for this PRMT1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat
Purification:	Purified
Target Details	
Target:	PRMT1

Arginine methylation is an irreversible post translational modification which has only recently

PRMT1 (PRMT1 Products)

Target Details

been linked to protein activity. At least three types of PRMT enzymes have been identified in mammalian cells. These enzymes have been shown to have essential regulatory functions by methylation of key proteins in several fundamental areas. These protein include nuclear proteins, IL enhancer binding factor, nuclear factors, cell cycle proteins, signal transduction proteins, apoptosis proteins, and viral proteins. The mammalian PRMT family currently consists of 7 members that share two large domains of homology. Outside of these domains, epitopes were identified and antibodies against all 7 PRMT members have been developed.

UniProt:

Buffer:

Q99873

Application Details

Application Notes:	Titration of the PRMT1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Preservative: Sodium azide

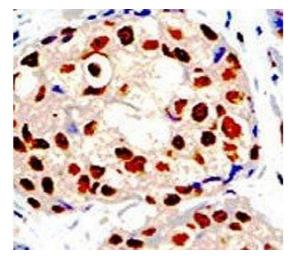
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

In 1X PBS, pH 7.4, with 0.09 % sodium azide

Storage: -20 °C

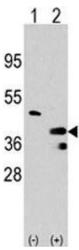
Storage Comment: Aliquot the PRMT1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw

cycles.



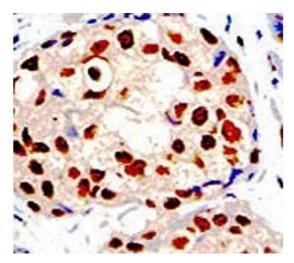
Immunohistochemistry

Image 1. IHC analysis of FFPE human breast carcinoma tissue stained with the PRMT1 antibody



Western Blotting

Image 2. Western blot analysis of PRMT1 antibody and 293 cell lysate either nontransfected (Lane 1) or transiently transfected with the PRMT1 gene (2).



Immunohistochemistry

Image 3. IHC analysis of FFPE human breast carcinoma tissue stained with the PRMT1 antibody