

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 11279-1-AP	<b>GenBank-Zugangsnummer:</b> BC019268	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 300 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 3276	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:16000 IHC 1:50-1:500 IF 1:50-1:500
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> protein arginine methyltransferase 1	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 42 kDa	
<b>Immunogen Katalognummer:</b> AG1790	<b>Beobachtete Masse:</b> 40-42 kDa	

## Anwendungen

## Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

## In Publikationen genannte Anwendungen:

CoIP, IF, IHC, IP, WB

## Getestete Reaktivität:

Human, Maus, Ratte

## Zitierte Arten:

Human, Maus

## Positivkontrollen:

WB : A549-Zellen, HeLa-Zellen, Jurkat-Zellen, Maushirngewebe, MCF-7-Zellen, NIH/3T3-Zellen, Rattenhirngewebe

IHC : humanes Kolongewebe,

IF : A431-Zellen,

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

## Hintergrundinformationen

PRMT1, the major protein arginine methyltransferase in mammals, catalyzes monomethylation and asymmetric dimethylation of arginine side chains in proteins. Human PRMT1 is encoded by the PRMT1 gene located on chromosome 19 (19q13.3) and composed of 12 exons and 11 introns. At the protein level, human PRMT1 shares a high degree of homology with the different members of the PRMT family that is conserved in eukaryotes. Phylogenetic studies based on the methyltransferase domain highlighted that PRMT1 is closely related to PRMT8.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhongwei Li	34775498	Cell Death Dis	WB,IHC
Xin-Ke Yin	33420374	Oncogene	IHC
Yizhen Tian	34919946	Toxicol Appl Pharmacol	WB

## Lagerung

## Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

## Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

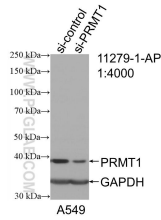
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

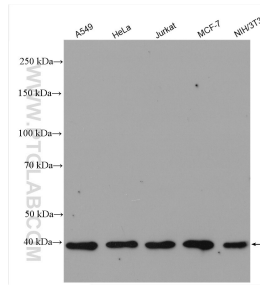
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

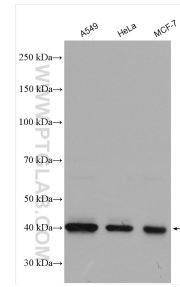
## Ausgewählte Validierungsdaten



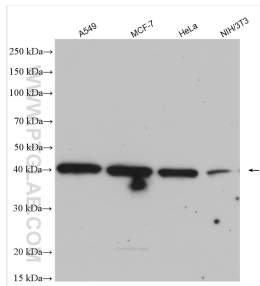
WB result of PRMT1 antibody (11279-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PRMT1 transfected A549 cells.



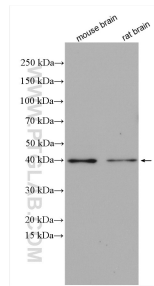
Various lysates were subjected to SDS PAGE followed by western blot with 11279-1-AP (PRMT1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



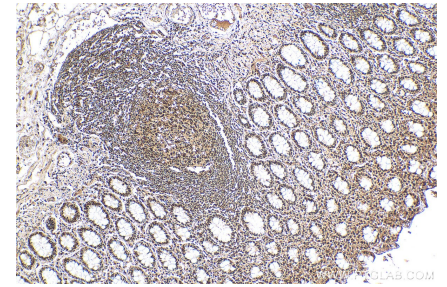
Various lysates were subjected to SDS PAGE followed by western blot with 11279-1-AP (PRMT1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



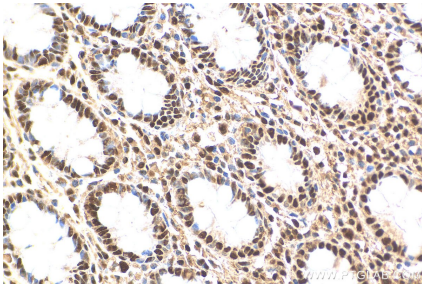
Various lysates were subjected to SDS PAGE followed by western blot with 11279-1-AP (PRMT1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



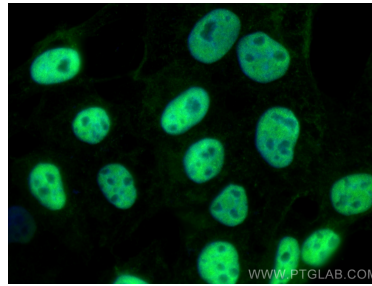
Various lysates were subjected to SDS PAGE followed by western blot with 11279-1-AP (PRMT1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



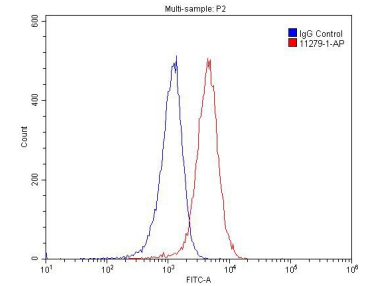
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 11279-1-AP (PRMT1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 11279-1-AP (PRMT1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using PRMT1 antibody (11279-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> Raji cells were stained with 0.2ug PRMT1 antibody (11279-1-AP, red) and control antibody (blue). Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100. Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.