

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PRMT5



Numéro de catalogue: 18436-1-AP

Phare

11 Publications

Informations de base

Numéro de catalogue:

18436-1-AP

Taille:

150ul, Concentration: 650 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG9736

Numéro d'acquisition GenBank:

BC025979

Identification du gène (NCBI):

10419

Nom complet:

protein arginine methyltransferase 5

MW calculé

637 aa, 73 kDa

MW observés:

72 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:12000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:200-1:800

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IHC, IP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, cellules Jurkat, cellules NIH/3T3, cellules Raji, tissu embryonnaire de souris

IP : tissu cérébral de souris,

IHC : tissu de cancer du sein humain, tissu de cancer du côlon humain, tissu de cancer du poumon humain, tissu de lymphome humain, tissu hépatique de souris, tissu pulmonaire humain

IF : cellules HepG2, cellules HeLa

Informations générales

PRMT5 is a Type II enzyme that catalyzes arginine monomethylation and symmetric dimethylation (Rme1 and Rme2s). The many targets of PRMT5 include ribosomal proteins, the histone chaperone nucleoplasm, p53, and histones. PRMT5 is frequently observed in a complex with the cofactor, methylome protein 50 (MEP50), which is required for PRMT5 activity. PRMT5 is upregulated in several human malignancies, including lymphomas, lung cancer, breast cancer and colorectal cancer.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zhongwei Li	36114164	J Med Virol	WB,IP,CoIP
Lei Tan	32392182	Aging (Albany NY)	WB,IHC
Xin Li	28361952	Nat Commun	WB,IP

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

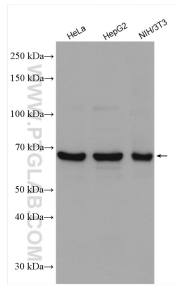
For technical support and original validation data for this product please contact:

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

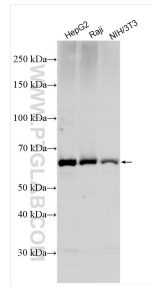
E: proteintech@ptglab.com
W: ptglab.com

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

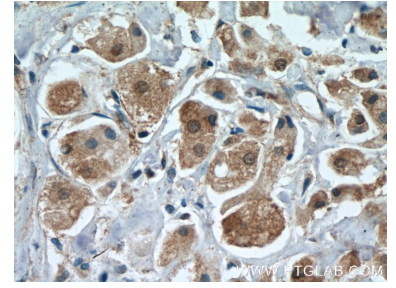
Données de validation sélectionnées



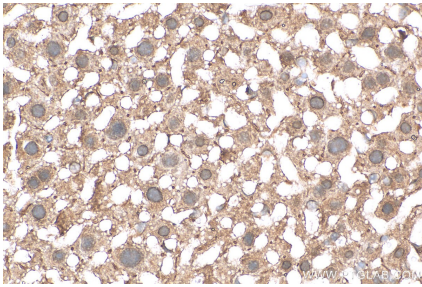
Various lysates were subjected to SDS PAGE followed by western blot with 18436-1-AP (PRMT5 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



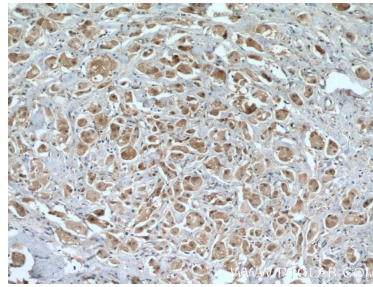
Various lysates were subjected to SDS PAGE followed by western blot with 18436-1-AP (PRMT5 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



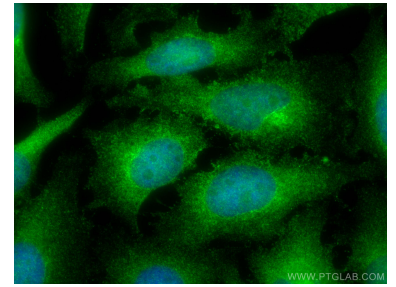
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 18436-1-AP (PRMT5 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



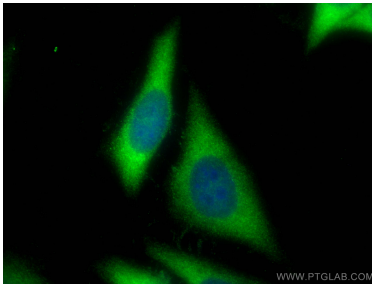
Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 18436-1-AP (PRMT5 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



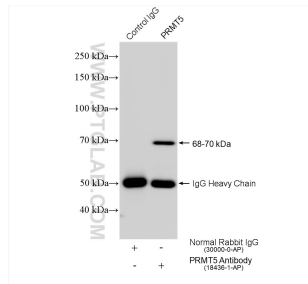
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 18436-1-AP (PRMT5 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PRMT5 antibody (18436-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using PRMT5 antibody (18436-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP result of anti-PRMT5(IP:18436-1-AP, 4ug; Detection:18436-1-AP 1:800) with mouse brain tissue lysate 1560 ug.