

Nur für Forschungszwecke

PRMT6 Monoklonaler Antikörper

Katalog-Nr.:67981-1-Ig



Allgemeine Informationen

Katalog-Nr.: 67981-1-Ig	GenBank-Zugangsnummer: BC002729	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von55170 Nanodrop;	GeneID (NCBI): 55170	CloneNo.: 4B5A9
Wirt: Maus	Vollständiger Name: protein arginine methyltransferase 6	Empfohlene Verdünnungen: WB 1:5000-1:50000
Isotyp: IgG2a	Berechnete Masse: 42 kDa	
Immunogen Katalognummer: AG7934	Beobachtete Masse: 42 kDa	

Anwendungen

Geprüfte Anwendungen:
WB, ELISA

Getestete Reaktivität:
Human, Maus, Ratte

Positivkontrollen:

WB : HeLa-Zellen, HEK-293-Zellen, HepG2-Zellen,
Jurkat-Zellen, K-562-Zellen, NIH/3T3-Zellen

Hintergrundinformationen

Protein arginine methyltransferase 6 (PRMT6) is a type I PRMT which is involved in epigenetic regulation of gene expression, alternative splicing, development and differentiation, DNA repair, cell proliferation and senescence, DNA methylation, mitosis, inflammation, innate antiviral immunity, spermatogenesis, transactivation of nuclear receptors and cell signaling. The human PRMT6 gene, located on Chromosome 1, encodes for the 41.9 kDa PRMT6 enzyme. PRMT6 is predominantly localized to the nucleus, in stark contrast to PRMT3 and PRMT5 which are preponderantly cytosolic, while other PRMTs are found in both nucleus and cytosol. PRMT6 is expressed in a wide range of tissues with high expression in kidney and testes. PRMT6 generates asymmetric dimethylation modifications in histone 3 at arginine 2, arginine 17 and arginine 42 (H3R2me2a, H3R17me2a and H3R42me2a) and in histone H2A at arginine 26 (H2AR26me2a) and participates in the epigenetic regulation of gene expression.

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

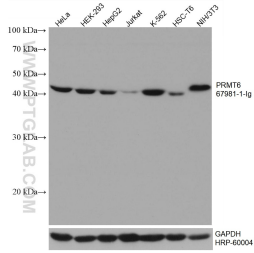
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67981-1-Ig (PRMT6 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.