

PRMT5 Recombinant Antibody



RACO0226

Product Information

Size:

50ul

Reactivity:

Human

Source:

Homo sapiens (Human)

Isotype:

Rabbit IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

WB:1:500-1:5000, IHC:1:50-1:200

Protein Background:

Arginine methyltransferase that can both catalyze the formation of omega-N monomethylarginine (MMA) and symmetrical dimethylarginine (sDMA), with a preference for the formation of MMA . Specifically mediates the symmetrical dimethylation of arginine residues in the small nuclear ribonucleoproteins Sm D1 (SNRNP1) and Sm D3 (SNRNP3); such methylation being required for the assembly and biogenesis of snRNP core particles . Methylates SUPT5H and may regulate its transcriptional elongation properties . Mono- and dimethylates arginine residues of myelin basic protein (MBP) in vitro.

Gene ID:

PRMT5

Uniprot

O14744

Synonyms:

Protein arginine N-methyltransferase 5 (EC 2.1.1.320) (72 kDa ICln-binding protein) (Histone-arginine N-methyltransferase PRMT5) (Jak-binding protein 1) (Shk1 kinase-binding protein 1 homolog) (SKB1 homolog) (SKB1Hs) [Cleaved into: Protein arginine N-methyltransferase 5, N-terminally processed], PRMT5, HRMT1L5 IBP72 JBP1 SKB1

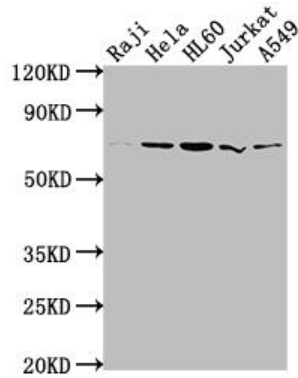
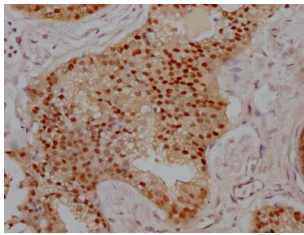
Immunogen:

A synthesized peptide derived from human PRMT5.

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



IHC image of RACO0226 diluted at 1:100 and staining in paraffin-embedded human prostate cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

Western Blot

Positive WB detected in(Raji whole cell lysate) HeLa whole cell lysate) HL60 whole cell lysate) Jurkat whole cell lysate) A549 whole cell lysate)
All lanes: PRMT5 antibody at 1:2000

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 73, 72, 54, 68, 67 kDa

Observed band size: 73 kDa