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## PRMT5 (C) Antibody, Rabbit Polyclonal

**Cat#:** R0439-3

**Quantity:** 100 ul

**Predicted | Observed M.W.:** 73 kDa

**Lot#:** Refer to vial

**Application:** WB

**Uniprot ID:** O14744

### **Background:**

Protein arginine N-methyltransferase 5 (PRMT5) is an 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. PRMT5 specifically mediates the symmetrical dimethylation of arginine residues in the small nuclear ribonucleoproteins Sm D1 (SNRPD1) and Sm D3 (SNRPD3); such methylation being required for the assembly and biogenesis of snRNP core particles. PRMT5 has been implicated in multiple pathways, such as cytokine and EGF signaling pathways.

### **Other Names:**

Protein arginine N-methyltransferase 5, 72 kDa ICln-binding protein, Histone-arginine N-methyltransferase PRMT5, Jak-binding protein 1, Shk1 kinase-binding protein 1 homolog, SKB1 homolog, SKB1Hs, HRMT1L5, IBP72, JBP1, SKB1

### **Source and Purity:**

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human PRMT5. Antibodies were purified by affinity purification using immunogen.

### **Storage Buffer and Condition:**

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

### **Species Specificity:**

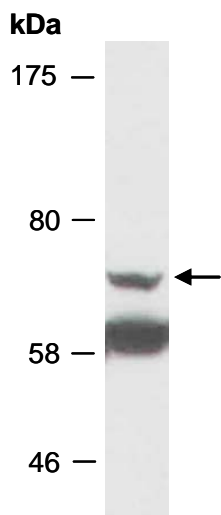
Human

### **Tested Applications:**

WB: 1:1,000-1:3,000 (detect endogenous protein\*)

\*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

**Product Data:**



**Fig 1.** Western blot of total cell extracts from human HeLa; using anti-PRMT5 (C) (R0439-3) at RT for 2 h.