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PRMT2 (N) Antibody, Rabbit Polyclonal

Cat#: R0186-1

Quantity: 100 ul

Predicted M.W.: 49 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P55345

Background:

Protein arginine N-methyltransferase 2 (PRMT2) is a protein arginine methyltransferase that methylates the guanidino nitrogens of arginyl residues in proteins such as STAT3, FBL, histone H4. PRMT2 acts as a transcriptional coactivator of multiple nuclear hormone receptors, including AR, ER, PGR, PPARG and RARA. PRMT2 may inhibit NF-kappa-B-mediated transcription and promote apoptosis. PRMT2 can also repress E2F1 transcriptional activity in a RB1-dependent manner. PRMT2 may be involved in growth regulation.

Other Names:

HMT1, HRMT1L1, Protein arginine N-methyltransferase 2, Histone-arginine N-methyltransferase PRMT2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human PRMT2. 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% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

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

Product Data:

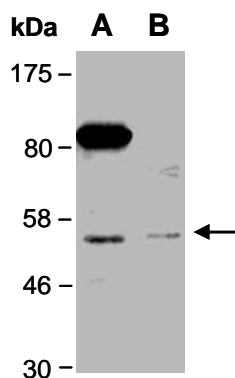


Fig 1. Western blot of total cell extracts from (A) human HeLa, (B) mouse thymus, using Ab (R0186-1) at RT for 2 h.