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PRDM14 (N) Antibody, Rabbit Polyclonal

Cat#: R3056-1

Quantity: 100 ul

Predicted | Observed M.W.: 64 | 80 kDa

Lot#: Refer to vial

Application: WB, IP, ChIP

Uniprot ID: Q9GZV8

Background:

PR domain zinc finger protein 14 (PRDM14) is a member of the PRDI-BF1 and RIZ homology domain containing (PRDM) family of transcriptional regulators. PRDM14 may possess histone methyltransferase activity and plays a critical role in cell pluripotency by suppressing the expression of differentiation marker genes. Expression of PRDM14 may play a role in breast cancer.

Other Names:

PR domain zinc finger protein 14, PR domain-containing protein 14

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human PRDM14. 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: 1:1,000-1:3,000 (detect endogenous protein*)

IP & ChIP: 1:100-1:200

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

Product Data:

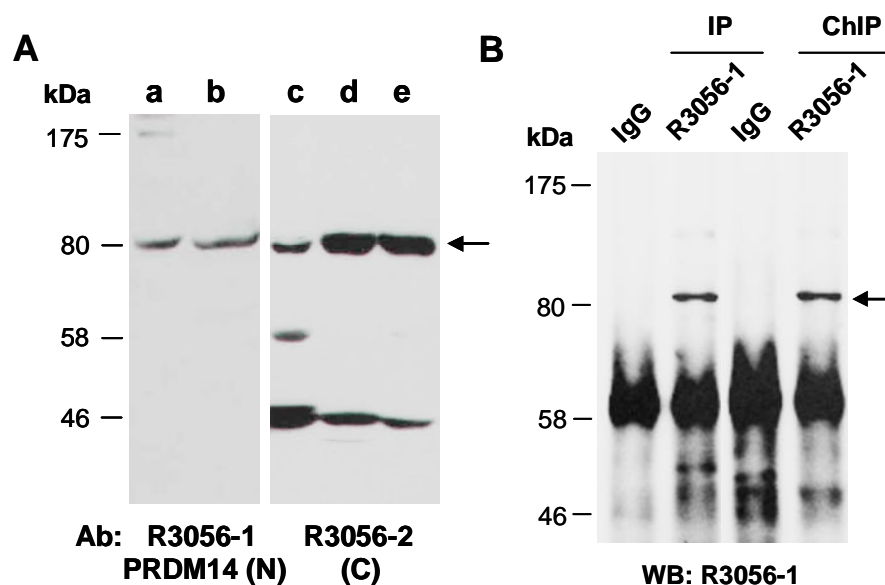


Fig 1. (A) Western blot of total cell extracts from a,c. mouse thymus; b,d. human HeLa; e. human Jurkat; using 2 independent Abs against 2 distinct regions of human PRDM14 at RT for 2 h. **(B)** Total extracts from human HeLa were immunoprecipitated (IP) with IgG or anti-PRDM14 (N) (R3056-1) under the conventional IP conditions or cross-linked chromatin immunoprecipitation (ChIP) conditions; followed by WB with the same Ab and Rabbit IgG light chain-specific 2nd antibody.