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SETDB1 (N) Antibody, Rabbit Polyclonal

Cat#: R0083-1

Quantity: 100 ul

Predicted M.W.: 143 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q15047

Background:

SET domain, bifurcated 1 (SETDB1) is a histone methyltransferase that specifically trimethylates Lys-9 of histone H3, a tag for epigenetic transcriptional repression. SETDB1 mainly functions in euchromatin regions to regulate transcriptional silencing of euchromatic genes. Histone H3 Lys-9 trimethylation is coordinated with DNA methylation.

Other Names:

RP11-31M1.1, ESET, H3-K9-HMTase4, KG1T, KIAA0067, KMT1E

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human SETDB1. 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

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:

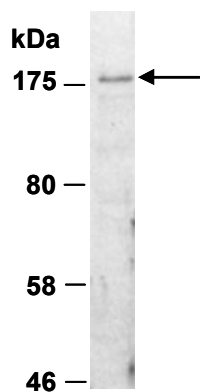


Fig 1. Western blot of total cell extracts from human HeLa, using Ab (R0083-1) at RT for 2 h.