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(818)-707-0392 (Fax)
order@abiocode.com
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SUV39H2 (N) Antibody, Rabbit Polyclonal

Cat#: R0034-1

Quantity: 100 ul

Predicted M.W.: 47 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9H5I1

Background:

SUV39H2 is a histone methyltransferase that specifically trimethylates \pm lys-9qof histone H3. It achieves this by using monomethylated \pm lys-9qas a substrate. H3 \pm lys-9qtrimethylation is a specific tag for epigenetic transcriptional repression. SUV39H2 primarily functions in heterochromatin regions where it plays a pivotal role in the establishment of constitutive heterochromatin at pericentric and telomere regions.

Other Names:

RP11-2K17.2, FLJ23414, KMT1B

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human SUV39H2. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 μ g/mg 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:

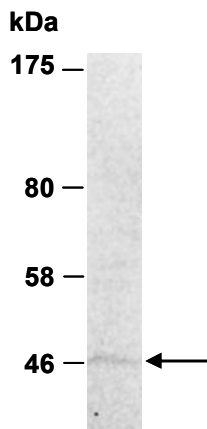


Fig 1. Western blot of total cell extracts from human 293T, using Ab (R0034-1) at RT for 2 h.