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SMYD3 (M) Antibody, Rabbit Polyclonal

Cat#: R0136-1

Quantity: 100 ul

Predicted M.W.: 49 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9H7B4

Background:

SET and MYND domain containing 3 (SMYD3) is a histone methyltransferase that specifically methylates 'Lys-4' of histone H3. It induces di- and tri-methylation but not mono-methylation. SMYD3 is involved in transcriptional regulation as a member of a RNA polymerase complex. It binds DNA sequences 5'-CCCTCC-3' or 5'GAGGGG-3'.

Other Names:

Zinc finger MYND domain-containing protein 1, FLJ21080, KMT3E, MGC104324, ZMYND1, ZNFN3A1, bA74P14.1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human SMYD3. 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:

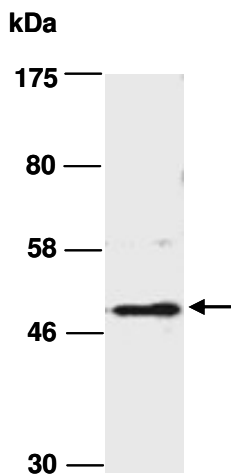


Fig 1. Western blot of total cell extracts from human 293T, using Ab (R0136-1) at RT for 2 h.