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JMJD6 (N) Antibody, Rabbit Polyclonal

Cat#: R0325-1

Quantity: 100 ul

Predicted | Observed MW: 46 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q6NYC1

Background:

Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6 is a dioxygenase that can both act as a histone arginine demethylase and a lysyl-hydroxylase. JMJD6 is required for differentiation of multiple organs during embryogenesis. It acts as a key regulator of hematopoietic differentiation: it is required for angiogenic sprouting by regulating the pre-mRNA splicing activity of U2AF2/U2AF65. JMJD6 seems to be necessary for the regulation of macrophage cytokine responses.

Other Names:

Bifunctional arginine demethylase and lysyl-hydroxylase JMJD6, Histone arginine demethylase JMJD6, JmjC domain-containing protein 6, Jumonji domain-containing protein 6, Lysyl-hydroxylase JMJD6, Peptide-lysine 5-dioxygenase JMJD6, Phosphatidylserine receptor, Protein PTDSR, KIAA0585, PTDSR

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing the N-terminal region of human JMJD6, and provided as whole antiserum.

Storage Buffer and Condition:

Supplied as whole rabbit serum containing 30% Glycerol and 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:

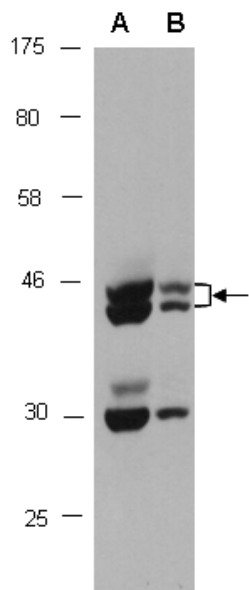


Fig 1. Western blot of total cell extracts from (A) mouse MEF and (B) human 293T, using Ab (R0325-1) at RT for 2 h.