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JMJD7 (N) Antibody, Rabbit Polyclonal

Cat#: R0119-1

Quantity: 100 ul

Predicted M.W.: 36 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P0C870

Background:

Jumonji domain containing 7 (JMJD7) is a highly conserved protein with a JmjC domain, which is part of the cupin metalloenzyme superfamily. Proteins with JmjC domains may function as 2-oxoglutarate-Fe(II)-dependent dioxygenases. JMJD7 was first thought to be an alternatively spliced isoform of phospholipase A2, group IVB protein (PLA2G4B) since it is located just upstream of PLA2G4B. Most tissues express read-through transcripts from JMJD7 into the downstream PLA2G4B, some of which may encode fusion proteins combining the two proteins.

Other Names:

JmjC domain-containing protein 7, hCG_37726, FLJ20543, FLJ20807, FLJ77014, FLJ78330

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human JMJD7. 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:

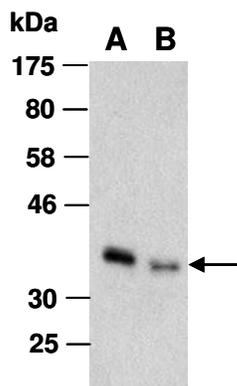


Fig 1. Western blot of total cell extracts from (A) human K562, (B) human MCF7, using Ab (R0119-1) at RT for 2 h.