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JARID2 (C) Antibody, Rabbit Polyclonal

Cat#: R1427-2

Quantity: 100 ul

Predicted | Observed MW: 139 | 125 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q92833

Background:

Jumonji/ARID domain-containing protein 2 (JARID2) is a regulator of histone methyltransferase complexes that plays an essential role in embryonic development, including heart and liver development, neural tube fusion process and hematopoiesis. JARID2 acts by modulating histone methyltransferase activity and promoting the recruitment of histone methyltransferase complexes to their target genes. JARID2 binds to DNA and mediates the recruitment of the PRC2 complex to target genes in embryonic stem cells, and plays a key role in differentiation of embryonic stem cells and normal development. JARID2 does not have histone demethylase activity but regulates activity of various histone methyltransferase complexes.

Other Names:

Protein Jumonji, Jumonji/ARID domain-containing protein 2, JMJ

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human JARID2. 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: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

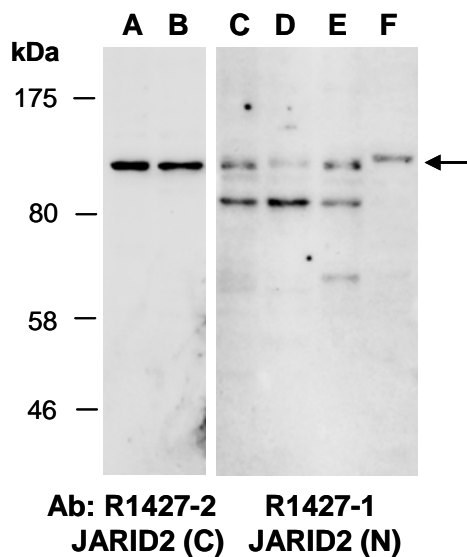


Fig 1. Western blot of total cell extracts from (A, C) human HeLa, (B, D) human Jurkat, (E) mouse thymus, (F) mouse brain; using 2 independent Abs against 2 distinct regions of human JARID2 at RT for 2 h.