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HJURP (N) Antibody, Rabbit Polyclonal

Cat#: R2466-1

Quantity: 100 ul

Predicted | Observed M.W.: 84 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q8NCD3

Background:

Holliday junction recognition protein (HJURP) is a centromeric protein that plays a central role in the incorporation and maintenance of histone H3-like variant CENPA at centromeres. HJURP acts as a specific chaperone for CENPA and is required for the incorporation of newly synthesized CENPA molecules into nucleosomes at replicated centromeres. HJURP directly binds to Holliday junctions, and prevents CENPA-H4 tetramerization as well as premature DNA binding by the CENPA-H4 tetramer.

Other Names:

Holliday junction recognition protein, 14-3-3-associated AKT substrate, Fetal liver-expressing gene 1 protein, Up-regulated in lung cancer 9, DKFZp762E1312, FAKTS, hFLEG1, URLC9

Source and Purity:

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

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

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

Product Data:

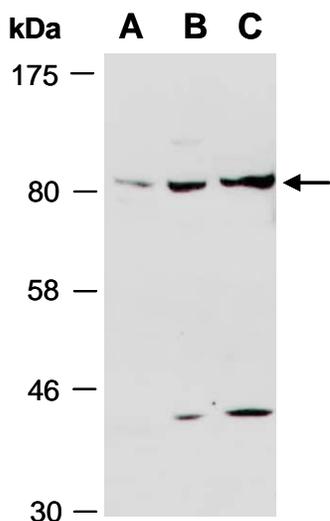


Fig 1. Western blot of total cell extracts from (A) mouse thymus, (B) human HeLa, (C) human Jurkat; using anti-HJURP (N) (R2466-1) at RT for 2 h.