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RAD51B (M) Antibody, Rabbit Polyclonal

Cat#: R2940-1

Quantity: 100 ul

Predicted | Observed M.W.: 42 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: O15315

Background:

DNA repair protein RAD51 homolog 2 (RAD51B) belongs to the RecA family and the RAD51 subfamily. RAD51B is involved in the homologous recombination repair (HRR) pathway of double-stranded DNA breaks arising during DNA replication or induced by DNA-damaging agents. RAD51B may promote the assembly of presynaptic RAD51 nucleoprotein filaments. RAD51B also binds single-stranded DNA and double-stranded DNA and has DNA-dependent ATPase activity.

Other Names:

DNA repair protein RAD51 homolog 2, R51H2, RAD51 homolog B, RAD51-like protein 1, RAD51L1, REC2, Rad51B

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human RAD51B. 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: 1:1,000-1:3,000 (detect endogenous protein*)

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

Product Data:

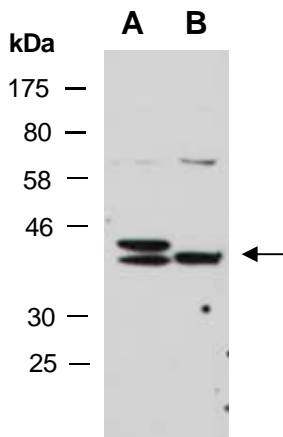


Fig 1. Western blot of total cell extracts from A) human HeLa, B) human Jurkat; using anti-RAD51B (M) (R2940-1) at RT for 2 h.