

RAD21

Reactivity: Human Mouse Rat

Tested applications: WB FC

Recommended Dilution: WB 1:500 - 1:2000 FC 1:50 - 1:100

Calculated MW: 130kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human RAD21

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

HR21; MCD1; NXP1; SCC1; CDLS4; hHR21; HRAD21;

Catalog #: A5274

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5885

Isotype: IgG

Swiss Prot: O60216

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is highly similar to the gene product of *Schizosaccharomyces pombe* rad21, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells.

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