
Product Information

Product SKU:	CAB19749	Gene ID:	5885	Size:	20uL, 100uL
Clone No:	ARC2276	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	130kDa	Conjugate:	Unconjugated
Calculated MW:	72kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: WB,1:500 - 1:2000 ChIP,5µg antibody for 10µg-15µg of ChromatinChIP-seq,1:50 - 1:100

Synonyms: MGS; HR21; MCD1; NXP1; SCC1; CDLS4; hHR21; HRAD21; Rad21

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 532-631 of human Rad21 (O60216).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.