

RAD52

Reactivity:Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:1000

Calculated MW:46kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human RAD52

Storage Buffer:

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

Concentration:

e

Synonym:

RAD52 homolog (S. cerevisiae)

Catalog #:A3077

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:5893

Isotype:IgG

Swiss Prot:P43351

Purity:Affinity purification

For research use only.

Background:

The protein encoded by this gene shares similarity with *Saccharomyces cerevisiae* Rad52, a protein important for DNA double-strand break repair and homologous recombination. This gene product was shown to bind single-stranded DNA ends, and mediate the DNA-DNA interaction necessary for the annealing of complementary DNA strands. It was also found to interact with DNA recombination protein RAD51, which suggested its role in RAD51 related DNA recombination and repair.

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