



## RAD52 Polyclonal Antibody

E93077

**Catalog Number:** E93077**Amount:** 100ul

**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.

**Species:** Rabbit

**Isotype:** IgG

**Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonyms:** RAD52 homolog (S. cerevisiae)

**Immunogen:** A synthetic peptide of humanRAD52

**Purification:** Affinity purification

**Reactivity:** H M R

**Applications:** WB IHC

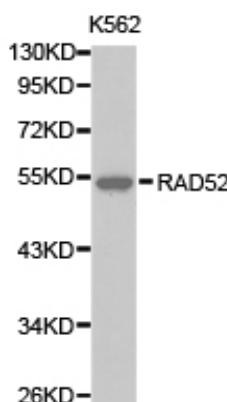
**Molecular Weight:** 46kDa

**Swiss-Prot No.:** P43351

**Gene ID:** 5893

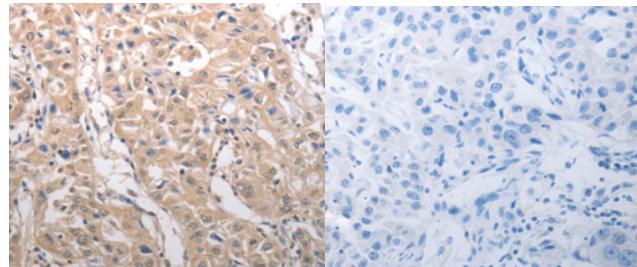
WB 1:500 - 1:1000

IHC 1:50- 1:100



**For Research Use Only**

Western blot analysis of extracts of K562 cellines, using RAD52 antibody.



Immunohistochemistry of paraffin-embedded human lung tissue using RAD52 antibody.