

RAD52 antibody

Catalog No: #38568

Package Size: #38568-1 50ul #38568-2 100ul

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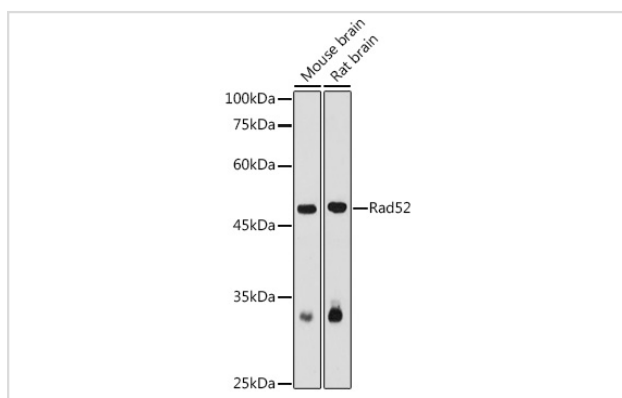
Description

Product Name	RAD52 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total RAD52 protein.
Immunogen Type	Peptide
Immunogen Description	Recombinant fusion protein of human Rad52 (NP_602296.2).
Target Name	RAD52
Other Names	RAD52
Accession No.	Uniprot:P43351GeneID:5893
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GeneID	5893
SDS-PAGE MW	50KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB □ 1:500 - 1:1000

Images



Western blot analysis of extracts of various cell lines, using Rad52 antibody.

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. A pseudogene of this gene is present on chromosome 2. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

Note: This product is for in vitro research use only