
Product Name: KD-Validated RAD52 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01260**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 46.2kDa

Antigen Information

Gene Name	RAD52
Alternative Names	RAD52; RAD52 Homolog, DNA Repair Protein; DNA Repair Protein RAD52 Homolog; Rhabdomyosarcoma Antigen MU-RMS-40.23; RAD52 (S. Cerevisiae) Homolog; RAD52 Homolog (S. Cerevisiae); Recombination Protein RAD52
Gene ID	5893.0
SwissProt ID	P43351
Immunogen	A synthesized peptide derived from human RAD52

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. [provided by RefSeq, Jul 2014]

Research Area

Epigenetics and Nuclear Signaling, Neuroscience

Image Data

