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RAD52 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16470b

Specification

RAD52 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P43351
Other Accession	NP_602296.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**46169**
Antigen Region	**387-416**

RAD52 Antibody (C-term) - Additional Information

Gene ID 5893

Other Names
DNA repair protein RAD52 homolog, RAD52

Target/Specificity
This RAD52 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 387-416 amino acids from the C-terminal region of human RAD52.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
RAD52 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

RAD52 Antibody (C-term) - Protein Information

Name RAD52

Function Involved in double-stranded break repair. Plays a central role in genetic recombination

and DNA repair by promoting the annealing of complementary single-stranded DNA and by stimulation of the RAD51 recombinase.

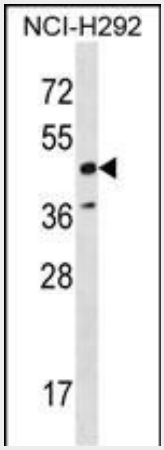
Cellular Location
Nucleus.

RAD52 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RAD52 Antibody (C-term) - Images



RAD52 Antibody (C-term) (Cat. #AP16470b) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the RAD52 antibody detected the RAD52 protein (arrow).

RAD52 Antibody (C-term) - 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.

RAD52 Antibody (C-term) - References

Liu, Y., et al. Carcinogenesis 31(10):1762-1769(2010)
Ho-Pun-Cheung, A., et al. Pharmacogenomics J. (2010) In press :
Briggs, F.B., et al. Am. J. Epidemiol. 172(2):217-224(2010)

Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010)
Monsees, G.M., et al. Breast Cancer Res. Treat. (2010) In press :