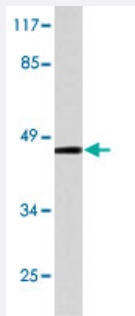


RAD52 polyclonal antibody

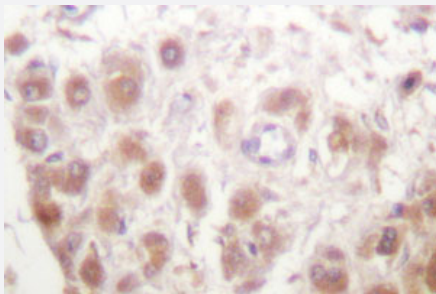
Catalog # PAB27129 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of 293 cell lysate with RAD52 polyclonal antibody (Cat # PAB27129).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human testis tissue using RAD52 polyclonal antibody (Cat # PAB27129).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of RAD52.
Immunogen	A synthetic peptide corresponding to human RAD52.
Host	Rabbit
Theoretical MW (kDa)	46
Reactivity	Human, Mouse
Specificity	RAD52 polyclonal antibody detects endogenous levels of RAD52 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of 293 cell lysate with RAD52 polyclonal antibody (Cat # PAB27129).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human testis tissue using RAD52 polyclonal antibody (Cat # PAB27129).

- Immunofluorescence

Gene Info — RAD52

Entrez GeneID	5893
Protein Accession#	P43351
Gene Name	RAD52
Gene Alias	-
Gene Description	RAD52 homolog (S. cerevisiae)
Omim ID	600392
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

DNA repair protein RAD52|RAD52 homolog|recombination protein RAD52|rhabdomyosarcoma antigen MU-RMS-40.23

Pathway

- [Homologous recombination](#)

Disease

- [Adenocarcinoma](#)
- [Ataxia telangiectasia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [DNA Damage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)

- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Neuroma](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Stomach Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)