



# Anti-RAD51 (full length) polyclonal antibody (DPAB-DC3593)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	RAD51 (RAD51 recombinase) is a protein-coding gene. Diseases associated with RAD51 include mirror movements, congenital, and breast cancer, and among its related superpathways are Fanconi's Anaemia Pathway and Homologous recombination. GO annotations related to this gene include double-stranded DNA binding and identical protein binding.
<b>Immunogen</b>	Recombinant protein corresponding to full length <i>Saccharomyces cerevisiae</i> RAD51.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Yeast
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), IF, IP,
<b>Format</b>	Liquid
<b>Size</b>	50 µl
<b>Buffer</b>	In antiserum (0.05% sodium azide)
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">RAD51 recombinase RAD51 [ <i>Saccharomyces cerevisiae</i> S288c ]</a>
<b>Official Symbol</b>	RAD51
<b>Synonyms</b>	RAD51; MUT5; recombinase RAD51;
<b>Entrez Gene ID</b>	<a href="#">856831</a>
<b>Protein Refseq</b>	<a href="#">NP_011021</a>
<b>UniProt ID</b>	<a href="#">P25454</a>
<b>Chromosome Location</b>	chromosome: V
<b>Pathway</b>	Assembly of the RAD51-ssDNA nucleoprotein complex; Double-Strand Break Repair; Homologous DNA pairing and strand exchange; Homologous recombination
<b>Function</b>	ATP binding; DNA binding; DNA-dependent ATPase activity; damaged DNA binding

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