



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

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

PRODUCT INFORMATION

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

GENE INFORMATION

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