

Rad54B Polyclonal Antibody

Cat No: HR1AP6549

For research use only

Overview

Product Name	Rad54B Polyclonal Antibody
Source	Rabbit
Applications	IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GeneID?Human?	RAD54B
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	RAD54B; DNA repair and recombination protein RAD54B; RAD54 homolog B
Background	The RAD54 homolog B encoded by RAD54B belongs to the DEAD-like helicase superfamily. It shares similarity with <i>Saccharomyces cerevisiae</i> RAD54 and RDH54, both of which are involved in homologous recombination and repair of DNA. This protein binds to double-stranded DNA, and displays ATPase activity in the presence of DNA. This gene is highly expressed in testis and spleen, which suggests active roles in meiotic and mitotic recombination. Homozygous mutations of this gene were observed in primary lymphoma and colon cancer.