Product name:	Rad54B Rabbit Polyclonal Antibody
Cat number:	ABN16850
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human RAD54B. AA range:241-290
Reactivity:	Human,Rat,Mouse
Applications:	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	The RAD54 homolog B encoded by RAD54B belongs to the DEAD-like helicase superfamily. It shares similarity with Saccharomyces cerevisiae 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. M phase,double-strand break repair via homologous recombination,recombinational repair,DNA metabolic process,DNA repair,double-strand break repair,DNA recombination,mitotic recombination,response to DNA damage stimulus,cell cycle,meiosis,meiosis I,reciprocal meiotic recombination,response to radiation,response to abiotic stimulus,response to ionizing radiation,cell cycle process,cell cycle phase,cellular response to stress,response to drug,regulation of transcription,meiotic cell cycle,M phase of meiotic cell cycle,