

产品名称: Rad54 Rabbit Polyclonal Antibody
产品货号: APRab16849



产品概述 (Summary)

产品名称 (Production Name)	Rad54 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	RAD54L
别名 (Alternative Names)	RAD54L; RAD54A; DNA repair and recombination protein RAD54-like; RAD54 homolog; hHR54; hRAD54
基因 ID (Gene ID)	8438.0
蛋白 ID (SwissProt ID)	Q92698.The antiserum was produced against synthesized peptide derived from human RAD54L. AA range:221-270

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	85kDa

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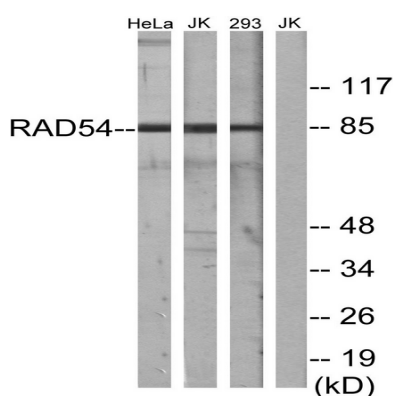
研究背景 (Background)

The protein encoded by this gene belongs to the DEAD-like helicase superfamily, and shares similarity with *Saccharomyces cerevisiae* Rad54, a protein known to be involved in the homologous recombination and repair of DNA. This protein has been shown to play a role in homologous recombination related repair of DNA double-strand breaks. The binding of this protein to double-strand DNA induces a DNA topological change, which is thought to facilitate homologous DNA pairing, and stimulate DNA recombination. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Dec 2008], disease: Defects in RAD54L may be a cause of tumor formation. Although alterations are found in a small fraction of primary tumors, these findings provide new insight into genetic instability underlying carcinogenesis., function: Involved in DNA repair and mitotic recombination. Functions in the recombinational DNA repair (RAD52) pathway. Dissociates RAD51 from nucleoprotein filaments formed on dsDNA. Could be involved in the turnover of RAD51 protein-dsDNA filaments (By similarity). May play also an essential role in telomere length maintenance and telomere capping in mammalian cells., induction: Expression increases approximately 3-fold in late G1 phase compared to other phases of the cell cycle., similarity: Belongs to the SNF2/RAD54 helicase family., similarity: Contains 1 helicase ATP-binding domain., similarity: Contains 1 helicase C-terminal domain., subunit: Interacts with RAD51 through the NH2-terminal domain.,

研究领域 (Research Area)

Homologous recombination;

图片 (Image Data)



注意事项 (Note)

For research use only .