

产品名称: Rad52 Rabbit Polyclonal Antibody
产品货号: APRab16848



产品概述 (Summary)

产品名称 (Production Name)	Rad52 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)	RAD52
别名 (Alternative Names)	RAD52; DNA repair protein RAD52 homolog
基因 ID (Gene ID)	5893.0
蛋白 ID (SwissProt ID)	P43351.The antiserum was produced against synthesized peptide derived from human RAD52. AA range:70-119

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 1:5000-1:20000
蛋白分子量 (Molecular Weight)	46kDa

研究背景 (Background)

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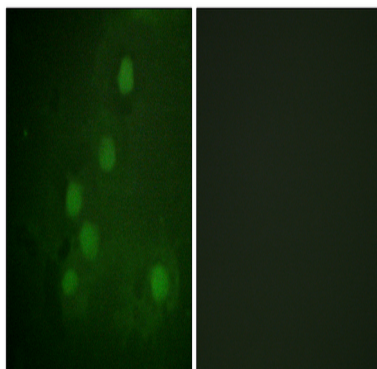


The protein encoded by this gene shares similarity with *Saccharomyces cerevisiae* Rad52, a protein important for DNA double-strand break repair and homologous recombination. This gene product was shown to bind single-stranded DNA ends, and mediate the DNA-DNA interaction necessary for the annealing of complementary DNA strands. It was also found to interact with DNA recombination protein RAD51, which suggested its role in RAD51 related DNA recombination and repair. A pseudogene of this gene is present on chromosome 2. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Jul 2014],function:Involved in double-stranded break repair. Plays a central role in genetic recombination and DNA repair by promoting the annealing of complementary single-stranded DNA and by stimulation of the RAD51 recombinase,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR,similarity:Belongs to the RAD52 family,,subunit:Forms a undecameric ring,.

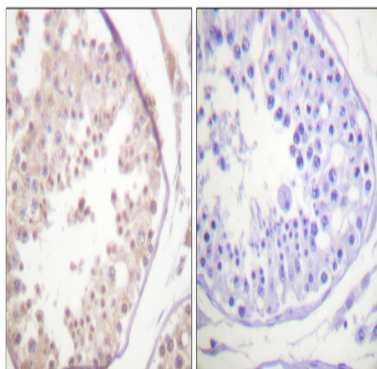
研究领域 (Research Area)

Homologous recombination;

图片 (Image Data)

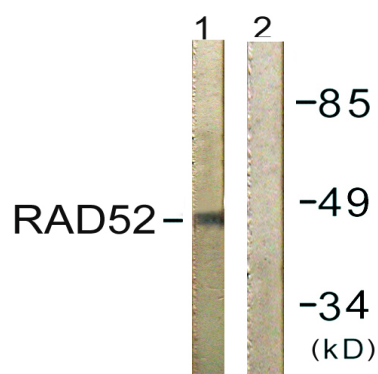


Immunofluorescence analysis of COS7 cells, using RAD52 Antibody. The picture on the right is blocked with the synthesized peptide.

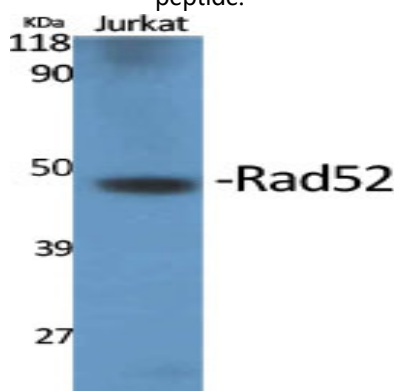


Immunohistochemistry analysis of paraffin-embedded human testis tissue, using RAD52 Antibody. The picture on the right is blocked with the synthesized peptide.

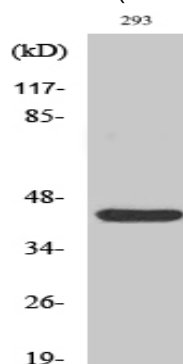
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Western blot analysis of lysates from 293 cells, using RAD52 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Rad52 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .



Western Blot analysis of 293 cells using Rad52 Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

注意事项 (Note)

For research use only .