

产品名称: XRCC3 Rabbit Polyclonal Antibody
产品货号: APRab19973



产品概述 (Summary)

产品名称 (Production Name)	XRCC3 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,Rat,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)	XRCC3
别名 (Alternative Names)	XRCC3; DNA repair protein XRCC3; X-ray repair cross-complementing protein 3
基因 ID (Gene ID)	7517.0
蛋白 ID (SwissProt ID)	O43542.The antiserum was produced against synthesized peptide derived from human XRCC3. AA range:41-90

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	38kDa

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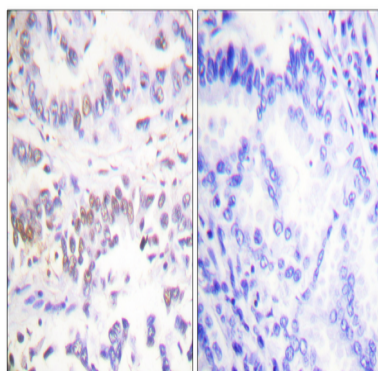
研究背景 (Background)

This gene encodes a member of the RecA/Rad51-related protein family that participates in homologous recombination to maintain chromosome stability and repair DNA damage. This gene functionally complements Chinese hamster irs1SF, a repair-deficient mutant that exhibits hypersensitivity to a number of different DNA-damaging agents and is chromosomally unstable. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008], disease: Met-241 is associated with the development of cutaneous malignant melanoma., function: Involved in the homologous recombination repair (HRR) pathway of double-stranded DNA, thought to repair chromosomal fragmentation, translocations and deletions., PTM: Phosphorylated upon DNA damage, probably by ATM or ATR., similarity: Belongs to the recA family. RAD51 subfamily., subunit: Interacts with RAD51C and RAD51. Part of a complex consisting of RAD51B, RAD51C, RAD51D, XRCC2 and XRCC3.,

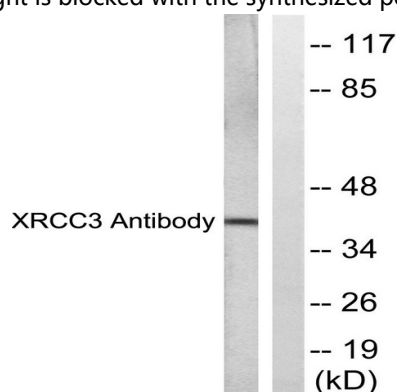
研究领域 (Research Area)

Homologous recombination;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using XRCC3 Antibody. The picture on the right is blocked with the synthesized peptide.

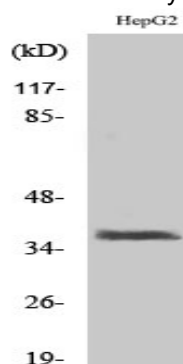


Western blot analysis of lysates from HepG2 cells, treated with Adriamycin 0.5uM 5h, using XRCC3 Antibody. The lane on the

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right is blocked with the synthesized peptide.



Western Blot analysis of various cells using XRCC3 Polyclonal Antibody. Secondary antibody was diluted at 1:20000 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 .