

产品名称: Rad51C Rabbit Polyclonal Antibody

产品货号: APRab16844

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,ELISA
种属反应(Reactivity)	Human,Monkey
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

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
分子量(Molecular Weight)	50kDa

抗原信息(Antigen Information)

基因名(Gene Name)	RAD51C
别名(Alternative Names)	RAD51C; RAD51L2; DNA repair protein RAD51 homolog 3; R51H3; RAD51 homolog C; RAD51-like protein 2
基因 ID(Gene ID)	5889.0
SwissProt ID	O43502
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human RAD51C. AA range:161-210

研究背景 (Background)

RAD51 paralog C(RAD51C) Homo sapiens This gene is a member of the RAD51 family. RAD51 family members are highly

similar to bacterial RecA and *Saccharomyces cerevisiae* Rad51 and are known to be involved in the homologous recombination and repair of DNA. This protein can interact with other RAD51 paralogs and is reported to be important for Holliday junction resolution. Mutations in this gene are associated with Fanconi anemia-like syndrome. This gene is one of four localized to a region of chromosome 17q23 where amplification occurs frequently in breast tumors. Overexpression of the four genes during amplification has been observed and suggests a possible role in tumor progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],function:Involved in the homologous recombination repair (HRR) pathway of double-stranded DNA breaks arising during DNA replication or induced by DNA-damaging agents. The RAD51B-RAD51C dimer exhibits single-stranded DNA-dependent ATPase activity. The BCDX2 complex binds single-stranded DNA, single-stranded gaps in duplex DNA and specifically to nicks in duplex DNA.,similarity:Belongs to the recA family. RAD51 subfamily.,subunit:Interacts with RAD51B and XRCC3. Part of a BCDX2 complex consisting of RAD51B, RAD51C, RAD51D and XRCC2. Part of a complex consisting of RAD51B, RAD51C, RAD51D, XRCC2 and XRCC3. Part of a complex with RAD51B and RAD51.,tissue specificity:Expressed in a variety of tissues, with highest expression in testis, heart muscle, spleen and prostate.,

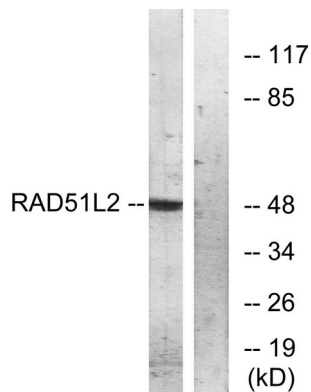
研究领域 (Research Area)

Homologous recombination;

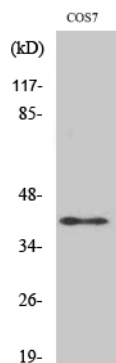
注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of lysates from COS7 cells, using RAD51L2 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Rad51C Polyclonal Antibody.

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>