

产品名称: Rec8 Rabbit Polyclonal Antibody
产品货号: APRab16989



产品概述 (Summary)

产品名称 (Production Name)	Rec8 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,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)	REC8
别名 (Alternative Names)	REC8; REC8L1; Meiotic recombination protein REC8 homolog; Cohesin Rec8p
基因 ID (Gene ID)	9985.0
蛋白 ID (SwissProt ID)	O95072.The antiserum was produced against synthesized peptide derived from human REC8. AA range:154-203

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	62kDa

研究背景 (Background)

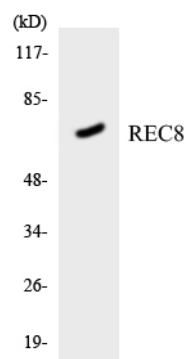
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This gene encodes a member of the kleisin family of SMC (structural maintenance of chromosome) protein partners. The protein localizes to the axial elements of chromosomes during meiosis in both oocytes and spermatocytes. In the mouse, the homologous protein is a key component of the meiotic cohesion complex, which regulates sister chromatid cohesion and recombination between homologous chromosomes. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq, Jul 2008],function:Required during meiosis for separation of sister chromatids and homologous chromosomes. Proteolytic cleavage of REC8 on chromosome arms by separin during anaphase I allows for homologous chromosome separation in meiosis I and cleavage of REC8 on centromeres during anaphase II allows for sister chromatid separation in meiosis II.,PTM:Phosphorylated.,similarity:Belongs to the rad21 family.,subcellular location:In meiotic chromosomes, localized along axial elements in prophase from the leptotene to diplotene stages. At later prophase stages, diakinesis and metaphase I, localized along interstitial axes of chromosomes including both centromere and arm regions. No longer detected in arm regions in anaphase I but persists on centromere regions until metaphase II.,subunit:Interacts in both phosphorylated and unphosphorylated forms with SMC3, SYCP3 and SMC1B but not with SMC1A. Also interacts with RAD51.,tissue specificity:Expressed in testis and thymus.,

研究领域 (Research Area)

Oocyte meiosis;

图片 (Image Data)



Western blot analysis of the lysates from HT-29 cells using REC8 antibody.

注意事项 (Note)

For research use only .