

SMC5 Rabbit pAb

货号: **AYP17544**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:1000 - 1:3000
理论分子量	128kDa
实测分子量	132kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	LO2,HeLa,Jurkat,Mouse testis,Rat testis
细胞定位	Chromosome,Nucleus,PML body,telomere
纯化	Affinity purification

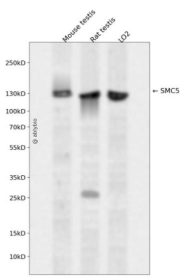
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 872-1101 of human SMC5 (NP_055925.2).
序列	LTEERSRASCFTGLNPTIVQEYTKREEEIEQLTEELKGGKVELDQYRENISQVKERWLNPLKELVEKINEKFSNFFSSMQCAG EVDLHTENEEDYDKYGIRIRVKFRSSTQLHELTPHHQSGGERSVSTMLYLMALQELNRCPFRRVDEINQGM DPINERRVFE M VVNTACKENTSQYFFITPKLLQNLPHYSEKMTVLFVYNGPHMLEPNTWNLKAFQRRRRRITFTQPS

靶点信息

研究背景	Core component of the SMC5-SMC6 complex, a complex involved in repair of DNA double-strand breaks by homologous recombination. The complex may promote sister chromatid homologous recombination by recruiting the SMC1-SMC3 cohesin complex to double-strand breaks. The complex is required for telomere maintenance via recombination in ALT (alternative lengthening of telomeres cell lines and mediates silencing of shelterin complex (telosome components which is proposed to lead to shelterin complex disassembly in ALT-associated PML bodies (APBs). Required for recruitment of telomeres to PML nuclear bodies. Required for sister chromatid cohesion during prometaphase and mitotic progression; the function seems to be independent of SMC6. SMC5-SMC6 complex may prevent transcription of episomal DNA, such as circular viral DNA genome.
基因ID	23137
基因名	SMC5
Swiss	Q8IY18
别名	SMC5;SMC5L1

产品验证



Western blot analysis of SMC5 expressed in Mouse testis, Rat testis, LO2 using SMC5 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

访问官网浏览详情: www.ablybio.cn