

SMC1 (Phospho Ser957) (1P6) Rabbit Monoclonal Antibody

Catalog# UZ-MA04213

Product information

产品货号	UZ-MA04213
别名	SMC1; SMCB; CDLS2; SB1.8; SMC1L1; DXS423E; SMC1alpha
产品名称	SMC1 (Phospho Ser957) (1P6) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P
反应种属	Human
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic phosphopeptide corresponding to residues surrounding Ser957 of human SMC1
稀释度	WB 1:1000, IHC-P/IF-P 1:100-1:200
参考分子量	143kDa
预测分子量	143kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	Proper cohesion of sister chromatids is a prerequisite for the correct segregation of chromosomes during cell division. The cohesin multiprotein complex is required for sister chromatid cohesion. This complex is composed partly of two structural maintenance of chromosomes (SMC) proteins, SMC3 and either SMC1B or the protein encoded by this gene. Most of the cohesin complexes dissociate from the chromosomes before mitosis, although those complexes at the kinetochore remain. Therefore, the encoded protein is thought to be an important part of functional kinetochores. In addition, this protein interacts with BRCA1 and is phosphorylated by ATM, indicating a potential role for this protein in DNA repair. This gene, which belongs to the SMC gene family, is located in an area of the X-chromosome that escapes X inactivation. Mutations in this gene result in Cornelia de Lange syndrome. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]
纯化	Affinity Purification
Uniprot ID	Q14683
Clonality	Monoclonal