

兔抗 SMC1A (Phospho-Ser957)多克隆抗体

- 中文名称：兔抗 SMC1A (Phospho-Ser957)多克隆抗体
- 英文名称：Anti-SMC1A (Phospho-Ser957) rabbit polyclonal antibody
- 别名：SMC1; SMCB; CDLS2; SB1.8; SMC1L1; DXS423E; SMC1alpha
- 相关类别：一抗
- 储存：冷冻（-20℃）避光
- 宿主：Rabbit
- 抗原：SMC1A (Phospho-Ser957)
- 反应种属：Human
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

技术规格

Background:

Involved in chromosome cohesion during cell cycle and in DNA repair. Central component of cohesin complex. The cohesin complex is required for the cohesion of sister chromatids after DNA replication. The cohesin complex apparently forms a large proteinaceous ring within which sister chromatids can be trapped. At anaphase, the complex is cleaved and dissociates from chromatin, allowing sister chromatids to segregate. The cohesin complex may also play a role in spindle pole assembly during mitosis. Involved in DNA repair via its interaction with BRCA1 and its related phosphorylation by ATM, or via its phosphorylation by ATR. Works as a downstream effector both in the ATM/NBS1 branch and in the ATR/MSH2 branch of S-phase checkpoint.

Applications:	WB, IHC
Name of antibody:	SMC1A (Phospho-Ser957)
Immunogen:	Synthetic peptide of human SMC1A (Phospho-Ser957)
Full name:	structural maintenance of chromosomes 1A (Phospho-Ser957)
Synonyms :	SMC1; SMCB; CDLS2; SB1.8; SMC1L1; DXS423E; SMC1 alpha
SwissProt:	Q14683
IHC positive control:	Human lung carcinoma
IHC Recommend dilution:	50-100
WB Predicted band size:	143 kDa
WB Positive control:	293 cells untreated or treated with UV
WB Recommended dilution:	500-1000



