

## 兔抗 SMC1A 多克隆抗体

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

### 技术规格

**Background:**

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 g

	ene result in Cornelia de Lange syndrome. Alternative splicing results in multiple transcript variants encoding different isoforms.
<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	SMC1A
<b>Immunogen:</b>	Fusion protein of human SMC1A
<b>Full name:</b>	structural maintenance of chromosomes 1A
<b>Synonyms:</b>	SMC1; SMCB; CDLS2; SB1.8; SMC1L1; DXS423E; SMC1alpha
<b>SwissProt:</b>	Q14683
<b>ELISA Recommended dilution:</b>	5000-10000
<b>IHC positive control:</b>	Human breast cancer and human esophagus cancer
<b>IHC Recommend dilution:</b>	30-150



