

Bamacan (Phospho Ser1083) Rabbit Polyclonal Antibody

Catalog# UZ-PA01694

Product information

产品货号	UZ-PA01694
别名	Structural maintenance of chromosomes protein 3 (SMC protein 3;SMC-3;Basement membrane-associated chondroitin proteoglycan;Bamacan;Chondroitin sulfate proteoglycan 6;Chromosome-associated polypeptide;hCAP);BAM;BMH;CSPG6;SMC3L1
产品名称	Bamacan (Phospho Ser1083) Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	SMC3
推荐应用	IHC-P,IF-P,IF-F,IF-ICC,WB
反应种属	Human,Mouse,Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	9126
Human Swissprot No.	Q9UQE7
免疫原	Synthesized peptide derived from human Bamacan (Phospho-Ser1083)
稀释度	IHC-P 1:50-200, WB 1:500-2000, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	145kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	This gene belongs to the SMC3 subfamily of SMC proteins. The encoded protein occurs in certain cell types as either an intracellular, nuclear protein or a secreted protein. The nuclear form, known as structural maintenance of chromosomes 3, is a component of the multimeric cohesin complex that holds together sister chromatids during mitosis, enabling proper chromosome segregation. Post-translational modification of the encoded protein by the addition of chondroitin sulfate chains gives rise to the secreted proteoglycan bamacan, an abundant basement membrane protein. [provided by RefSeq, Jul 2008],
细胞定位	Nucleus . Chromosome . Chromosome, centromere . Associates with chromatin. Before prophase it is scattered along chromosome arms. During prophase, most of cohesin complexes dissociate from chromatin probably because of phosphorylation by PLK, except at centromeres, where cohesin complexes remain. At anaphase, the RAD21 subunit of the cohesin complex is cleaved, leading to the dissociation of the complex from chromosomes, allowing chromosome separation. The phosphorylated form at Ser-1083 is preferentially associated with unsynapsed chromosomal regions (By similarity). .
纯化	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Clonality	Polyclonal