

bs-19928R**[Primary Antibody]****phospho-SMC3 (Ser1083) Rabbit pAb****BioSS**
ANTIBODIES

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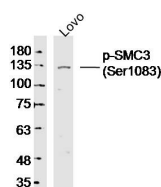
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		
GeneID: 9126	SWISS: Q9UQE7	
Target: phospho-SMC3 (Ser1083)		
Immunogen: KLH conjugated synthesised phosphopeptide derived from human SMC3 around the phosphorylation site of Ser1083: SG(p-S)QS-		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)
Background: 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]		Predicted MW.: 141 kDa
		Subcellular Location: Nucleus

— VALIDATION IMAGES —

Sample: LOVO Cell (Human) Lysate at 40 ug
Primary: Anti-p-SMC3(Ser1083) (bs-19928R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 141 kD
Observed band size: 135 kD