

## Bamacan (Phospho-Ser1083) Polyclonal Antibody

Catalog No: #14053



Package Size: #14053-1 50ul #14053-2 100ul

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## Description

Product Name	Bamacan (Phospho-Ser1083) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	IHC-p,IF(paraffin section),WB
Species Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous phospho levels of Bamacan (Phospho-Ser1083) at Human:S1083, Mouse:S1083, Rat:S1083
Immunogen Description	Synthesized peptide derived from human Bamacan (Phospho-Ser1083)
Other Names	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)
Accession No.	Swiss Prot:Q9UQE7GeneID:9126
Uniprot	Q9UQE7
GeneID	9126
SDS-PAGE MW	145
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

IHC-p 1:50-200, WB 1:500-2000

## Background

structural maintenance of chromosomes 3(SMC3) Homo sapiens 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],

Note: This product is for in vitro research use only