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## Product Information

<b>Product SKU:</b>	CAB18402	<b>Gene ID:</b>	9126	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human, Mouse

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## Additional Information

<b>Observed MW:</b>	142kDa	<b>Conjugate:</b>	-
<b>Calculated MW:</b>	142kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**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.

**Recommended Dilution:** WB, 1:500 - 1:2000 IP, 0.5µg-4µg antibody for 400µg-600µg extracts of whole cells

**Synonyms:** BAM; BMH; HCAP; CDLS3; CSPG6; SMC3L1; SMC3

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 909-1199 of human SMC3 (NP\_005436.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.