

SMC3 Rabbit Polyclonal Antibody

OPR8999

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|-------------------|---------|----------------------|-----------------------------------|
| Reactivity | H, M, R | Storage | -20°C, Avoid freeze / thaw cycles |
| Host | Rabbit | Applications | WB; ELISA |
| Isotype | IgG | Concentration | 1 mg/mL |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Immunogen Information

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|--------------------------------|--|
| Immunogen | Synthesized peptide derived from human protein. at AA range: 1010-1090 |
| Human Swiss-Prot Number | Q9UQE7 |

Product Information

| | |
|--------------------|--|
| Buffer | PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide |
| Observed MW | 133kD |
| Dilution | WB:- 1:500 - 2000, ELISA:- 1:5000 - 20000 |

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

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.

Research Use

For research use only, not for use in diagnostic procedures.

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation, ICC-Immunocytochemistry

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow, Bv- Bovine.

Please contact Origin Diagnostics and Research for further assistance

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