

SMC2 Antibody (C-term)

Catalog_no :	AB0663
Applications :	WB, IHC-P, FC
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:1166-1197
Specificity :	This SMC2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1166-1197 amino acids from the C-terminal region of human SMC2.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Other_name :	Structural maintenance of chromosomes protein 2, SMC protein 2, SMC-2, Chromosome-associated protein E, hCAP-E, XCAP-E homolog, SMC2, CAPE, SMC2L1
Isotype :	Rabbit Ig
Background :	SMC2 is a central component of the condensin complex, a complex required for conversion of interphase chromatin into mitotic-like condense chromosomes. The condensin complex probably introduces positive supercoils into relaxed DNA in the presence of type I topoisomerases and converts nicked DNA into positive knotted forms in the presence of type II topoisomerases.
reference :	Schmiesing,J.A., Proc. Natl. Acad. Sci. U.S.A. 95 (22), 12906-12911 (1998) Ham,M.F., Cancer Sci. 98 (7), 1041-1047 (2007)