

Product Datasheet

SMC4 Antibody



Catalog No: CY8165

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB ICC/IF FC

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Information

UniProt ID: Q9NTJ3

All Names: CAPC; hCAP C; hCAP-C; SMC 4; SMC4; SMC4L1; XCAP C homolog;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 160kDa

Application

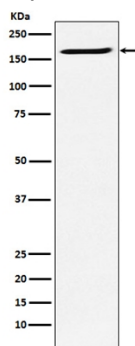
WB 1:500~1:2000

ICC/IF 1:50~1:200

FC 1:50

Background

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.



Western blot analysis of SMC4 expression in Ramos cell lysate.

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