

Product Datasheet

Phospho-SMC1 (Ser957) Antibody

Catalog No: CY6487

Reactivity: Human, Mouse

Isotype: Rabbit IgG

Applications: WB, IHC



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Information

UniProt ID: Q14683

All Names: Chromosome segregation protein SmcB, DXS423E, KIAA0178, SB1.8/DXS423E protein, SM1A, SMC1A, SMC1L1, SMC1alpha protein, Sb1.8, Structural maintenance of chromosome 1-like 1 protein

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.: 145kDa

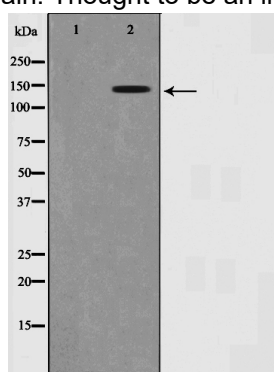
Application

WB 1:500-1:2000

IHC 1:50-1:200

Background

Smc1 is a component of the cohesin multiprotein complex that is required for sister chromatid cohesion. Most of the cohesin complexes dissociate from the chromosomes before mitosis, although those complexes at the kinetochore remain. Thought to be an im



Western blot analysis of SMC1 phosphorylation expression in HuvEc whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

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