



SMC1 (Phospho-Ser957) Antibody

E11-7217A

Catalog Number: E11-7217A

Concentration: 1mg/ml

Swiss-Prot No.: Q14683

Other Names: Chromosome segregation protein SmcB; DDX423E; KIAA0178; Sb1.8; SB1.8/DXS423E protein; SM1A; SMC1A; SMC1alpha protein; SMC1L1; Structural maintenance of chromosome 1-like 1 protein

All Sites: Human: Ser957; Mouse: Ser957

Storage/Stability: Store at -20 °C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human SMC1 around the phosphorylation site of serine 957

(G-S-S^P-Q-G).

Purification: The antibody was affinity-purified from

rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

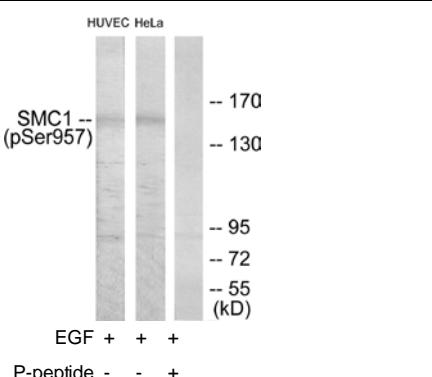
Specificity: SMC1 (Phospho-Ser957) antibody detects endogenous levels of SMC1 only when phosphorylated at serine 957.

Reactivity: Human, Mouse

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:10000

References:

Rocques P.J., Hum. Mol. Genet. 4:243-249(1995).
Nagase T., DNA Res. 3:17-24(1996).
Nakajima D., DNA Res. 9:99-106(2002).



Western blot analysis of extracts from HUVEC cells treated with EGF (200ng/ml, 5mins) and HeLa cells treated with EGF (200ng/ml, 15mins), using SMC1 (Phospho-Ser957) antibody.

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