

Rabbit SMC1 Polyclonal Antibody | anti-SMC1 antibody

SMC1 antibody

CATALOG # AAA224932	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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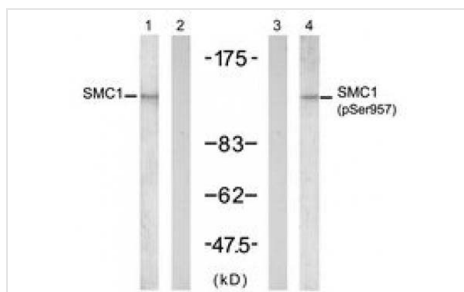
PRODUCT SYNONYMS

SMC1; Polyclonal Antibody; SMC1 antibody; Rabbit polyclonal SMC1 antibody; Polyclonal SMC1 antibody; Anti-SMC1 antibody; SMC 1; SMC-1 antibody; SMC 1 antibody; Ab 957 antibody; Structural Maintenance of Chromosome 1 antibody; SMC-1; anti-SMC1 antibody

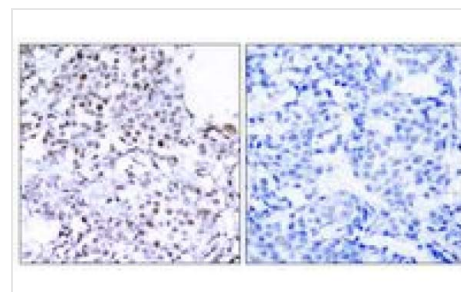
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	306
Applicable Applications for anti-SMC1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	SMC1 antibody was raised in Rabbit using the peptide sequence around aa 955-959 (G-S-S-Q-G) derived from Human SMC1 as the immunogen.
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of extracts from JK cells using SMC1 antibody


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SMC1 antibody (left) or the same antibody preincubated with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-SMC1 antibody

SMC1 is an ATPase which, with SMC3, forms a heterodimeric complex. These dimers form a V-shaped molecule with two long coiled-coil arms, each having an ATP-binding domain at its distal end. The SMC1/SMC3 heterodimer plays an important role in sister chromatid cohesion during metaphase, associates with the nuclear matrix and centrosome during interphase and localizes to kinetochores, spindles and spindle poles during mitosis.

Product Categories/Family for anti-SMC1 antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	209946264
Molecular Weight	35,133 Da
NCBI Official Full Name	SMC1, partial
UniProt Protein Name	SMC1
UniProt Gene Name	smc1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/smc1-antibody-western-blot-immunohistochemistry-elisa/224932>