

Rabbit anti-Human SMC4 Polyclonal Antibody | anti-SMC4 antibody

SMC4 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50471	Rabbit	Human	Western Blot, Immunoprecipitation

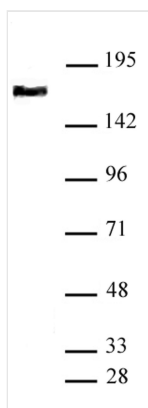
PRODUCT SYNONYMS

SMC4; Polyclonal Antibody; SMC4 antibody; RABBIT ANTI HUMAN SMC4; anti-SMC4 antibody

PRODUCT SPECIFICATIONS

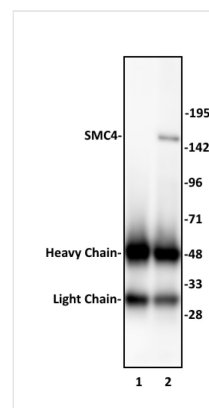
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antiserum to human SMC4 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Form/Format	Purified IgG - liquid Phosphate buffered saline 0.035% Sodium Azide (NaN ₃), 30% Glycerol
Applicable Applications for anti-SMC4 antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	A peptide from the N-terminus of human SMC4
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20 degree C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8 degree C for short term use (up to 4 weeks) and store the remaining aliquots at -20 degree C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

IMAGES



WB (Western Blot)

Western blot analysis of HeLa nuclear extract (20 ug) probed with SMC4 antibody (AAA50471) at a 1/1000 dilution.



IP (Immunoprecipitation)

Immunoprecipitation of SMC4 from HeLa cell nuclear extract (lane 2). 10 ul of rabbit IgG was used as a negative control (lane 1). Western blot analysis was performed using SMC4 antibody (AAA50471) at a 1/1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-SMC4 antibody	Rabbit anti Human SMC4 antibody recognizes structural maintenance of chromosomes protein 4, also known as chromosome-associated polypeptide C (CAP-C) or XCAP-C homolog. SMC4 is a subunit of condensin I and II; large protein complexes that play a role in chromosome condensation
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50658065
NCBI GeneID	10051
NCBI Accession #	NP_005487.3
NCBI GenBank Nucleotide #	NM_005496.3
UniProt Accession #	Q9NTJ3; O95752; Q8NDL4; Q9UNT9; A6NLT9; D3DNL8
Molecular Weight	140,278 Da
NCBI Official Full Name	structural maintenance of chromosomes protein 4 isoform 1
NCBI Official Synonym Full Names	structural maintenance of chromosomes 4
NCBI Official Symbol	SMC4
NCBI Official Synonym Symbols	CAPC; CAP-C; SMC-4; SMC4L1; hCAP-C
NCBI Protein Information	structural maintenance of chromosomes protein 4; SMC protein 4; XCAP-C homolog; chromosome-associated polypeptide C; SMC4 structural maintenance of chromosomes 4-like 1
UniProt Protein Name	Structural maintenance of chromosomes protein 4
UniProt Gene Name	SMC4
UniProt Synonym Gene Names	CAPC; SMC4L1; SMC protein 4; SMC-4; hCAP-C
UniProt Entry Name	SMC4_HUMAN

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/smc4-antibody-western-blot-immunoprecipitation-elisa/50471>