

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

SMC4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233854	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

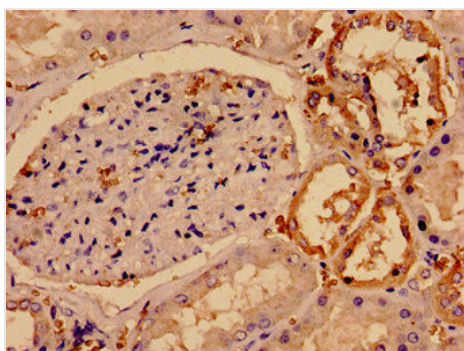
PRODUCT SYNONYMS

SMC4; Polyclonal Antibody; SMC4 Antibody; Structural maintenance of chromosomes protein 4; SMC protein 4; SMC-4; Chromosome-associated polypeptide C; hCAP-C; XCAP-C homolog; CAPC; SMC4L1; anti-SMC4 antibody

PRODUCT SPECIFICATIONS

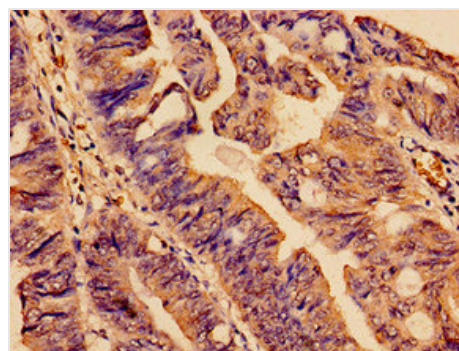
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1288
Applicable Applications for anti-SMC4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Structural maintenance of chromosomes protein 4 protein (1023-1122AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry analysis of human kidney tissue using AAA233854 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry analysis of human colon cancer using AAA233854 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SMC4 antibody	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.
Product Categories/Family for anti-SMC4 antibody	Epigenetics and Nuclear Signaling; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	50658063
NCBI GeneID	10051
NCBI Accession #	NP_001002800.1
NCBI GenBank Nucleotide #	NM_001002800.2
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
NCBI Protein Information	structural maintenance of chromosomes protein 4
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/smc4-antibody-immunofluorescence-immunohistochemistry-elisa/233854>