

Rabbit SMC3 Polyclonal Antibody | anti-SMC3 antibody

SMC3 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199817	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

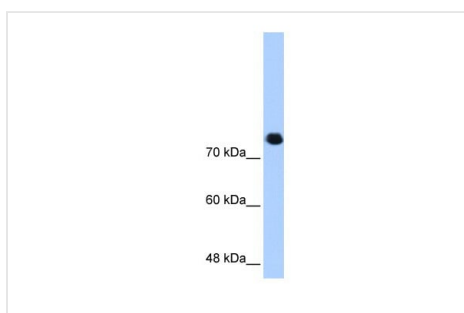
PRODUCT SYNONYMS

SMC3; Polyclonal Antibody; SMC3 antibody - C-terminal region; anti-SMC3 antibody

PRODUCT SPECIFICATIONS

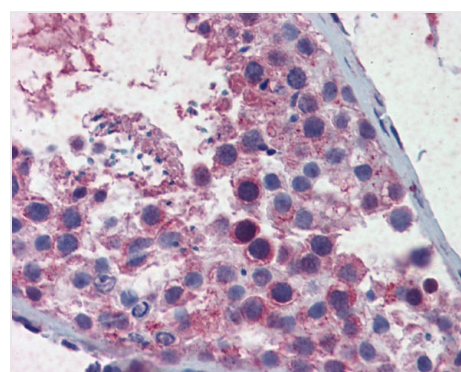
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GK ATLVMKKGDV EGSQSQDEGE GSGESERGSQSSVPSVDQ FTGVGIRV
Sequence Length	681
Applicable Applications for anti-SMC3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human SMC3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-SMC3 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate There is BioGPS gene expression data showing that SMC3 is expressed in HepG2



IHC (Immunohistochemistry)

Testis

ADDITIONAL INFORMATION

Related Product Information for anti-SMC3 antibody	This is a rabbit polyclonal antibody against SMC3. It was validated on Western Blot and immunohistochemistry Target Description: SMC3 belongs to the SMC3 subfamily of SMC proteins. SMC3 occurs in certain cell types as either an intracellular, nuclear protein or a secreted protein. The nuclear form, known as structural maintenance of chromosomes 3, is a component of the multimeric cohesin complex that holds together sister chromatids during mitosis, enabling proper chromosome segregation.
Product Categories/Family for anti-SMC3 antibody	Polyclonal; Transcription Factor; Signal Proteins; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	4894360
NCBI GeneID	9126
NCBI Accession #	AAD32447
NCBI GenBank Nucleotide #	NM_005445
UniProt Accession #	Q9UQE7
Molecular Weight	74kDa
NCBI Official Full Name	bamacan homolog
NCBI Official Synonym Full Names	structural maintenance of chromosomes 3
NCBI Official Symbol	SMC3
NCBI Official Synonym Symbols	BAM; BMH; HCAP; CDLS3; CSPG6; SMC3L1
NCBI Protein Information	structural maintenance of chromosomes protein 3
UniProt Protein Name	Structural maintenance of chromosomes protein 3
UniProt Gene Name	SMC3
UniProt Synonym Gene Names	BAM; BMH; CSPG6; SMC3L1; SMC protein 3; SMC-3; Bamacan; hCAP
UniProt Entry Name	SMC3_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/smc3-antibody-western-blot-immunohistochemistry-elisa/199817>