

Rabbit SMC3 Polyclonal Antibody | anti-SMC3 antibody

SMC3 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199818	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

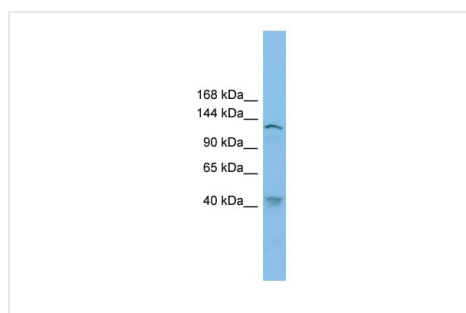
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

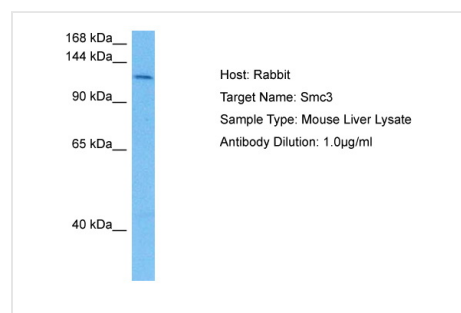
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KW DKMRRALEYT IYNQELNETR AKLDELSAKR ETSGEKSRQL RDAQQDAR
Sequence Length	1217
Applicable Applications for anti-SMC3 antibody	WB (Western Blot)
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 N 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
 ELISA Titer: 1:62500
 Positive Control: COLO205 cell lysate
 There is BioGPS gene expression data showing that SMC3 is expressed in COLO205



WB (Western Blot)

Host: Mouse
 Target Name: SMC3
 Sample Tissue: Mouse Liver
 Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SMC3 antibody	This is a rabbit polyclonal antibody against SMC3. It was validated on Western Blot using a cell lysate as a positive control. 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; Cell Biology; E3 & Ubiquitin; Meiosis/Mitosis/Cell Cycle; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885399
NCBI GeneID	9126
NCBI Accession #	NP_005436
NCBI GenBank Nucleotide #	NM_005445
UniProt Accession #	Q9UQE7
Molecular Weight	141kDa
NCBI Official Full Name	structural maintenance of chromosomes protein 3
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-elisa/199818>