

SMC1A recombinant antibody

Recombinant Anti-SMC1A Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266277	Rabbit	Human	Immunohistochemistry, Western Blot

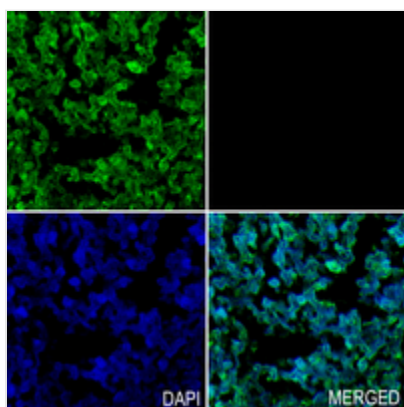
PRODUCT SYNONYMS

SMC1A; Monoclonal Recombinant Antibody; Recombinant Anti-SMC1A Rabbit mAb; DXS423E; KIAA0178; SB1.8; SMC1; SMC1L1; Structural maintenance of chromosomes protein 1A; SMC protein 1A; SMC-1-alpha; SMC-1A; Sb1.8; SMC1A recombinant antibody

PRODUCT SPECIFICATIONS

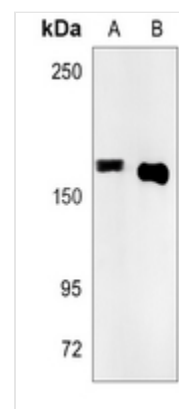
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of SMC1A protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for SMC1A recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human SMC1A. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of SMC1A staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).



WB (Western Blot)

Western blot analysis of SMC1A expression in HeLa (A), Jurkat (B) whole cell lysates. (Predicted band size: 143 kD; Observed band size: 155 kD)

ADDITIONAL INFORMATION

Related Product Information for SMC1A recombinant antibody	Recombinant rabbit monoclonal antibody to SMC1A
Product Categories/Family for SMC1A recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	30581135
NCBI GeneID	8243
NCBI Accession #	NP_006297.2
NCBI GenBank Nucleotide #	NM_006306.2
UniProt Accession #	Q14683; O14995; Q16351; Q2M228
Molecular Weight	143,233 Da
NCBI Official Full Name	structural maintenance of chromosomes protein 1A
NCBI Official Synonym Full Names	structural maintenance of chromosomes 1A
NCBI Official Symbol	SMC1A
NCBI Official Synonym Symbols	SMC1; SMCB; CDLS2; SB1.8; SMC1L1; DXS423E; SMC1alpha
NCBI Protein Information	structural maintenance of chromosomes protein 1A; SMC-1A; SMC-1-alpha; SMC protein 1A; segregation of mitotic chromosomes 1; SMC1 structural maintenance of chromosomes 1-like 1; SMC1 (structural maintenance of chromosomes 1, yeast)-like 1
UniProt Protein Name	Structural maintenance of chromosomes protein 1A
UniProt Gene Name	SMC1A
UniProt Synonym Gene Names	DXS423E; KIAA0178; SB1.8; SMC1; SMC1L1; SMC protein 1A; SMC-1-alpha; SMC-1A
UniProt Entry Name	SMC1A_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/monoclonal/smc1a-recombinant-antibody-immunohistochemistry-western-blot-elisa/266277>