

Goat anti-Human, Mouse SA1 Polyclonal Antibody | anti-SA1 antibody

Goat anti-SA1 Antibody, Affinity Purified

CATALOG # AAA210791	HOST Goat	REACTIVITY Human, Mouse	APPLICATIONS Immunocytochemistry, Immunoprecipitation, Western Blot
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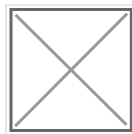
PRODUCT SYNONYMS

SA1; Polyclonal Antibody; Goat anti-SA1 Antibody; Affinity Purified; MRD47; Stromal antigen 1; SCC3A; SCC3 homolog 1; nuclear protein stromal antigen 1; cohesin subunit SA-1; Cohesin subunit SA-1; stromal antigen 1; anti-SA1 antibody

PRODUCT SPECIFICATIONS

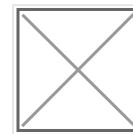
Host	Goat
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-SA1 antibody	ICC (Immunocytochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 25 and 75
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



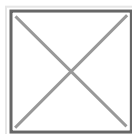
WB (Western Blot)

Detection of human and mouse SA1 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, MCF-7, HEK293T, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SA1 antibody AAA210791 (lot AAA210791-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human SA1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SA1 antibody AAA210791 (lot AAA210791-2) used for IP at 6 ug per reaction. SA1 was also immunoprecipitated by rabbit anti-SA1 antibody For blotting immunoprecipitated SA1, AAA210791 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



ICC (Immunocytochemistry)

Localization of human SA1. Sample: HeLa cells that were extracted for 5 min at 4C in 0.5% Triton in CSK buffer. Antibody: Affinity purified goat anti-SA1 (BL140G; AAA210791) used at 1 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-SA1 antibody	SA1 is a component of the multisubunit cohesin complex. Cohesin functions to hold sister chromatids together during meiosis and mitosis and ensure proper segregation of chromosomes. SA1 has also been identified as a mediator of p53 induced apoptosis.
Product Categories/Family for anti-SA1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	62243696
NCBI GeneID	10274
NCBI Accession #	NP_005853.2
NCBI GenBank Nucleotide #	NM_005862.2
UniProt Accession #	Q8WVM7; O00539; Q6P275
Molecular Weight	140,090 Da
NCBI Official Full Name	cohesin subunit SA-1
NCBI Official Synonym Full Names	stromal antigen 1
NCBI Official Symbol	STAG1
NCBI Official Synonym Symbols	SA1; SCC3A
NCBI Protein Information	cohesin subunit SA-1; SCC3 homolog 1; nuclear protein stromal antigen 1
UniProt Protein Name	Cohesin subunit SA-1
UniProt Gene Name	STAG1
UniProt Synonym Gene Names	SA1
UniProt Entry Name	STAG1_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/sa1-antibody-immunocytochemistry-immunoprecipitation-western-blot-elisa/210791>