Rabbit anti-Human SA1 Polyclonal Antibody | anti-SA1 antibody

Rabbit anti-SA1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211933	**Rabbit**	**Human**	**Immunohistochemistry, Immunoprecipitation**

PRODUCT SYNONYMS

SA1; Polyclonal Antibody; Rabbit 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	Rabbit
Reactivity	Human
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	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Mouse
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

IP (Immunoprecipitation)
Detection of human SA1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-SA1 antibody AAA211933 used for IP at 3 ug/mg lysate. SA1 was also immunoprecipitated by rabbit anti-SA1 antibody which recognizes a downstream epitope. For blotting immunoprecipitated SA1, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

IHC (Immunohistochemistry)
Detection of human SA1 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-SA1 (Cat. No. AAA211933 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

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-immunohistochemistry-immunoprecipitation-elisa/211933