

Rabbit anti-Human SART1 Polyclonal Antibody | anti-SART1 antibody

SART1 antibody

CATALOG # AAA303146	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

SART1; Polyclonal Antibody; SART1 antibody; anti-SART1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	800
Applicable Applications for anti-SART1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 137 and 417 of SART1
Target Name	SART1
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed U2OS, using SART1 antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using SART1 antibody at 1: 500 dilution.



Application Data

Sample(30 ug whole cell lysate)A: A431 7.5% SDS PAGEPrimary antibody diluted at 1: 5000

ADDITIONAL INFORMATION

Related Product Information for anti-SART1 antibody	This gene encodes two proteins, the SART1(800) protein expressed in the nucleus of the majority of proliferating cells, and the SART1(259) protein expressed in the cytosol of epithelial cancers. The SART1(259) protein is translated by the mechanism of -1 frameshifting during posttranscriptional regulation; its full-length sequence is not published yet. The two encoded proteins are thought to be involved in the regulation of proliferation. Both proteins have tumor-rejection antigens. The SART1(259) protein possesses tumor epitopes capable of inducing HLA-A2402-restricted cytotoxic T lymphocytes in cancer patients. This SART1(259) antigen may be useful in specific immunotherapy for cancer patients and may serve as a paradigmatic tool for the identification and treatment of patients with atopy. The SART1(259) protein is found to be essential for the recruitment of the tri-snRNP to the pre-spliceosome in the spliceosome assembly pathway. [provided by RefSeq]
Product Categories/Family for anti-SART1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863889
NCBI GeneID	9092
NCBI Accession #	NP_005137
NCBI GenBank Nucleotide #	NM_005146.4
Molecular Weight	90,255 Da
NCBI Official Full Name	U4/U6.U5 tri-snRNP-associated protein 1
NCBI Official Synonym Full Names	squamous cell carcinoma antigen recognized by T cells 1
NCBI Official Symbol	SART1
NCBI Official Synonym Symbols	Ara1; HOMS1; Snu66; SART1259; SNRNP110
NCBI Protein Information	U4/U6.U5 tri-snRNP-associated protein 1
UniProt Protein Name	U4/U6.U5 tri-snRNP-associated protein 1
UniProt Gene Name	SART1
UniProt Synonym Gene Names	hSnu66; SART-1; hSART-1
UniProt Entry Name	SNUT1_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/sart1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/303146>