

Rabbit SART1 Polyclonal Antibody | anti-SART1 antibody

SART1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280685	Rabbit	Human, Mouse, Rat	Western Blot

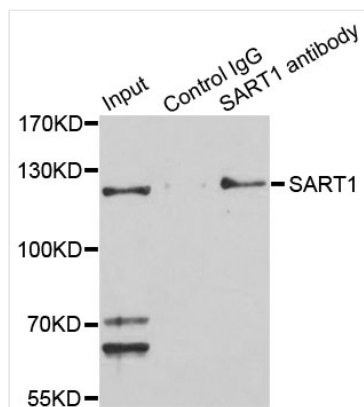
PRODUCT SYNONYMS

SART1; Polyclonal Antibody; SART1 Polyclonal Antibody; Ara1; HOMS1; Snu66; SART1259; SNRNP110; anti-SART1 antibody

PRODUCT SPECIFICATIONS

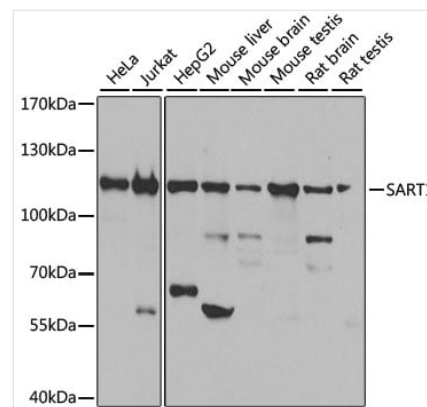
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	800
Applicable Applications for anti-SART1 antibody	WB (Western Blot)
Immunogen	Recombinant protein of human SART1
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 150ug extracts of Jurkat cells using 3ug SART1 antibody. Western blot was performed from the immunoprecipitate using SART1 antibody at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SART1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

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.
Product Categories/Family for anti-SART1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863889
NCBI GeneID	9092
NCBI Accession #	NP_005137.1
NCBI GenBank Nucleotide #	NM_005146.4
UniProt Accession #	O43290; Q53GB5; A6NDN1
Molecular Weight	Calculated MW: 90kDa Molecular Weight: 900
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.