

Rabbit SART1 Polyclonal Antibody | anti-SART1 antibody

SART1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328204	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

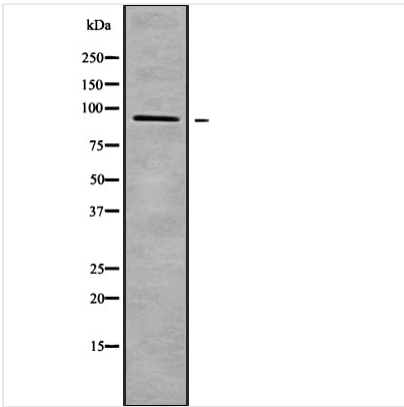
PRODUCT SYNONYMS

SART1; Polyclonal Antibody; SART1 Antibody; Ara 1; ARA1; HOMS 1; HOMS1; hSART 1; hSART1; hSnu 66; hSnu66; IgE autoantigen; MGC2038; SART 1; SART1 259; SART1(259) protein; SART1(800) protein; SART1259; Snu 66; Snu66; Squamous cell carcinoma antigen recognised by T cells; Squamous cell carcinoma antigen recognized by T cells 1; U4/U6.U5 tri snRNP associated 110 kDa protein; U4/U6.U5 tri snRNP associated protein 1; anti-SART1 antibody

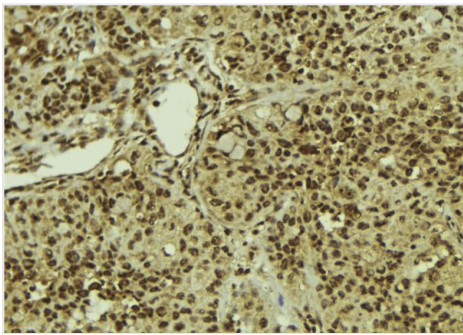
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SART1 antibody detects endogenous levels of total SART1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	800
Applicable Applications for anti-SART1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SART1
Subcellular Location	Nuclear
Tissue Specificity	Ubiquitously expressed.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Dog, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Xenopus (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis SART1 using HepG2 whole cell lysates



IHC (Immunohistochemistry)
AAA328204 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-SART1 antibody	Function: Plays a role in mRNA splicing as a component of the U4/U6-U5 tri-snRNP, one of the building blocks of the spliceosome. May also bind to DNA. Subunit Structure: Identified in the spliceosome C complex. Component of the U4/U6-U5 tri-snRNP complex composed of the U4, U6 and U5 snRNAs and at least PRPF3, PRPF4, PRPF6, PRPF8, PRPF31, SNRNP200, TXNL4A, SNRNP40, DDX23, CD2BP2, PPIH, SNU13, EFTUD2, SART1 and USP39. Post-translational Modifications: Sumoylated with SUMO2. Similarity: Belongs to the SNU66/SART1 family.
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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	Observed: 90 kDa Predicted: 91 kDa
NCBI Official Full Name	U4/U6.U5 tri-snRNP-associated protein 1
NCBI Official Synonym Full Names	spliceosome associated factor 1, recruiter of U4/U6.U5 tri-snRNP
NCBI Official Symbol	SART1
NCBI Official Synonym Symbols	HAF; 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

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.