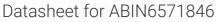
# antibodies -online.com





# anti-SART1 antibody

2 Images



Go to Product page

#### Overview

Quantity:	200 μL
Target:	SART1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SART1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

## **Product Details**

Immunogen:	Recombinant protein of human SART1
Isotype:	IgG
Purification:	Affinity purification

# **Target Details**

Target:	SART1
Alternative Name:	SART1 (SART1 Products)
Background:	Synonyms: Ara 1,ARA1,HOMS 1,HOMS1,hSART 1,hSART1,hSnu 66,hSnu66,lgE 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

Background: 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 diagnosis 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.

Molecular Weight:

Observed\_MW: 120kDa

Calculated MW: 90kDa

Gene ID:

9092

UniProt:

043290

Pathways:

Ribonucleoprotein Complex Subunit Organization

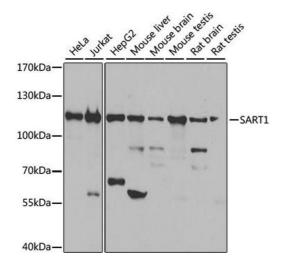
#### **Application Details**

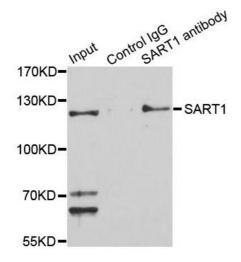
Application Notes: WB 1:500 - 1:2000 IP 1:20 - 1:50

Restrictions: For Research Use only

# Handling

Concentration:	1 mg/mL
Buffer:	Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





## **Western Blotting**

**Image 1.** Western blot analysis of extracts of various cell lines, using SART1 antibody.

#### **Immunoprecipitation**

**Image 2.** Immunoprecipitation analysis of 150ug extracts of Jurkat cells using 3ug SART1 antibody.