

Datasheet for ABIN6147390
anti-SART1 antibody (AA 1-255)

4 Images

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Overview

Quantity:	100 µL
Target:	SART1
Binding Specificity:	AA 1-255
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SART1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-255 of human SART1 (NP_005137.1).
Sequence:	MGSSKKHRGE KEAAGTTAAA GTGGATEQPP RHREHKKKHKH RSGGSGGSGG ERRKRSRERG GERGSGRRGA EAEARSSTHG RERSQAEPSE RRVKREKRDD GYAAAASSKT SSGDASSLSI EETNKLRAKL GLKPLEVNAI KKEAGTKEEP VTADVINPMA LRQREELREK LAAAKEKRLL NQKLGIKTL GEDDPWLDDT AAWIERSRQL QKEKDLAEKR AKLLEEMDQE FGVSTLVEEE FGQRRQDLYS ARDLQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	SART1
Alternative Name:	SART1 (SART1 Products)
Background:	<p>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.,SART1,Ara1,HOMS1,SART1259,SNRNP110,Snu66,HAF,Epigenetics & Nuclear Signaling,RNA Binding,Cancer,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Cell differentiation,SART1</p>
Molecular Weight:	90 kDa
Gene ID:	9092
UniProt:	O43290
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IP,1:20 - 1:50
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

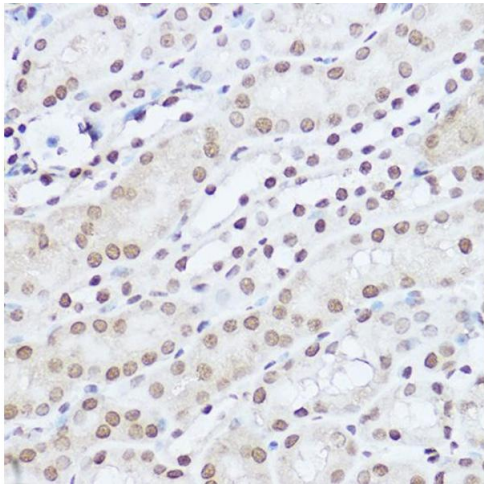
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C

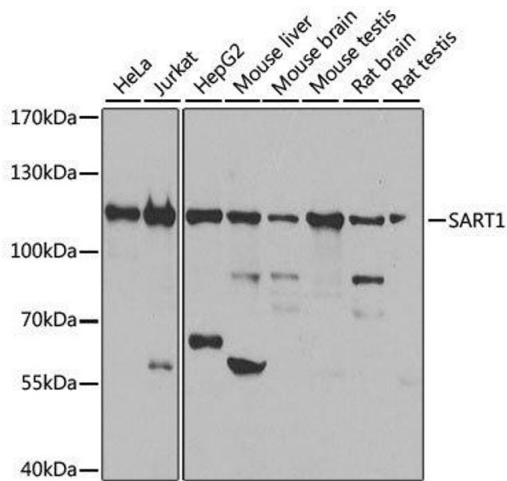
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



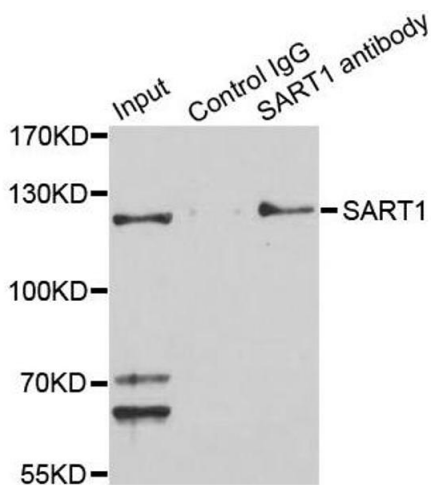
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse kidney using S Rabbit pAb (ABIN6132631, ABIN6147390, ABIN6147391 and ABIN6224669) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using SART1 antibody.



Immunoprecipitation

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

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6147390.