Datasheet for ABIN2855616

anti-SART1 antibody (Internal Region)

4 Images

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Overview

Quantity:	100 µL
Target:	SART1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SART1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SART1. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to SART1 (squamous cell carcinoma antigen recognized by T cells) SART1 antibody [N2C1], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SART1
Alternative Name:	SART1 (SART1 Products)

Target Details

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. Cellular Localization: Nucleus
Molecular Weight:	90 kDa
Gene ID:	9092
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections) 1:100-1:1000* Western blot 1:1000-1:10000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-fixed paraffin-embedded sections)1:100-1:1000* Western blot1:1000-1:10000*
Comment:	Conjugation Note: MH Positive Control: Jurkat , Raji , K562 , THP-1 , HL-60 , NCI-H929 , NIH-3T3 , JC , BCL-1
Restrictions:	For Research Use only

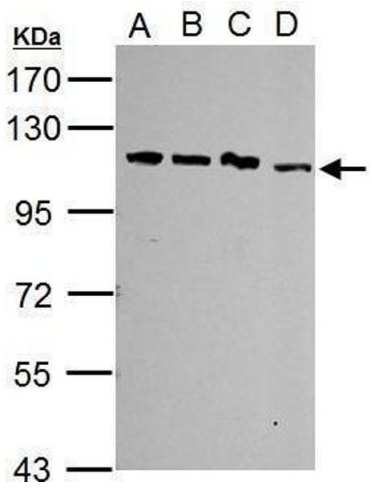
Handling

Format:	Liquid
Concentration:	0.76 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.

Handling

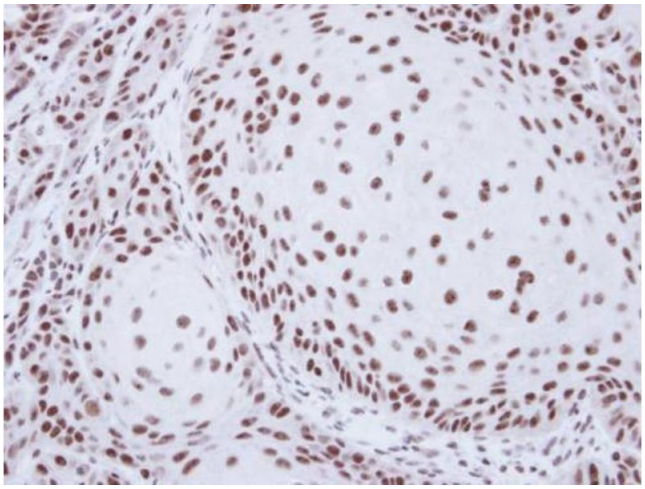
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



Western Blotting

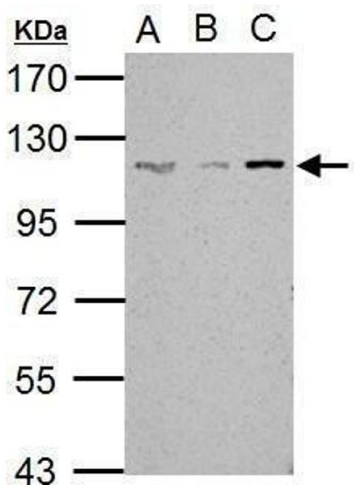
Image 1. WB Image Sample (30 ug of whole cell lysate) A: Jurkat B: Raji C: K562 D: NCI-H929 7.5% SDS PAGE antibody diluted at 1:5000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using SART1, antibody at 1:500 dilution.

Images



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: NIH-3T3 B: JC C: BCL-1 7.5% SDS PAGE antibody diluted at 1:5000

Please check the product details page for more images. Overall 4 images are available for ABIN2855616.