

Datasheet for ABIN2856790
anti-SART1 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

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|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | SART1 |
| Binding Specificity: | C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SART1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | Recombinant protein encompassing a sequence within the C-terminus region of human SART1. The exact sequence is proprietary. |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse (Murine), Rat (Rattus), Xenopus laevis, Zebrafish (Danio rerio), Cow (Bovine) |
| Cross-Reactivity (Details): | Mouse (99 %), Rat (99 %), Xenopus laevis (89 %), Zebrafish (81 %), Bovine (99 %) |
| Characteristics: | Rabbit polyclonal antibody to SART1 (squamous cell carcinoma antigen recognized by T cells) SART1 antibody [C1C3] |
| Purification: | Purified by antigen-affinity chromatography. |

Target Details

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| 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.</p> <p>Cellular Localization: Nucleus</p> |
| Molecular Weight: | 90 kDa |
| Gene ID: | 9092 |
| Pathways: | Ribonucleoprotein Complex Subunit Organization |

Application Details

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| Application Notes: | <p>Suggested dilution Reference Western blot 1:1000-1:10000* Not tested in other applications.</p> <p>*Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:1000-1:10000*</p> |
| Comment: | Positive Control: H1299 , HeLa , HepG2 , Molt-4 , Raji |
| Restrictions: | For Research Use only |

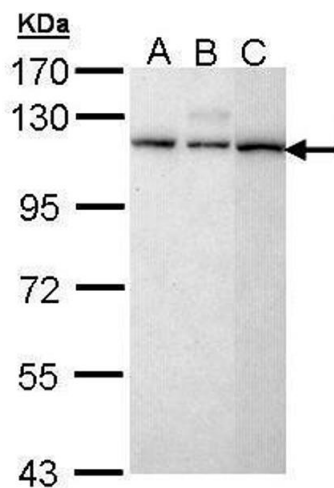
Handling

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| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | 0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative. |
| Preservative: | Thimerosal (Merthiolate) |

Handling

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| 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. |

Validation report #101746 for Immunofluorescence (IF)



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: H1299 B: Hela C: Molt-4 , 7.5% SDS PAGE antibody diluted at 1:5000