

## Rabbit SART1 Polyclonal Antibody | anti-SART1 antibody

SART1 Antibody

|                               |                       |                                                                                                    |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA225181</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence</b> |
|-------------------------------|-----------------------|----------------------------------------------------------------------------------------------------|

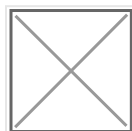
### PRODUCT SYNONYMS

SART1; Polyclonal Antibody; SART1 Antibody; Affinity Purified Rabbit Polyclonal SART1 Antibody; Polyclonal SART1 antibody; Anti-SART1 antibody; squamous cell carcinoma antigen recognised by T cells antibody; SART-1 antibody; MGC2038 antibody; Ara1 antibody; SART 1 antibody; SART 1; HOMS1 antibody; SART-1; SART1259 antibody; SART1 antibody; hSnu66 antibody; SNRNP110 antibody; Snu66 antibody; U4/U6.U5 tri-snRNP-associated protein 1 antibody; anti-SART1 antibody

### PRODUCT SPECIFICATIONS

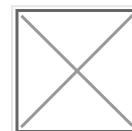
|                                                 |                                                                                                                                              |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                       |
| Clonality                                       | Polyclonal                                                                                                                                   |
| Isotype                                         | IgG                                                                                                                                          |
| Purity/Purification                             | Antigen-Affinity Chromatography                                                                                                              |
| Form/Format                                     | Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative. |
| Concentration                                   | 0.76 mg/ml (varies by lot)                                                                                                                   |
| Applicable Applications for anti-SART1 antibody | WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)                                            |
| Immunogen                                       | SART1 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 137 and 447 of SART1           |
| Cross-Reactivity                                | Human, Mouse                                                                                                                                 |
| Preparation and Storage                         | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.      |

### IMAGES



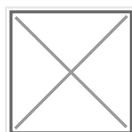
#### IF (Immunofluorescence)

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed U2OS, using SART1 antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with (Red) at 1:2000.



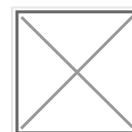
#### WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Jurkat; B: Raji; C: K562; D: NCI-H929) using a 7.5% SDS PAGE gel and SART1 antibody at a dilution of 1:5000



#### IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded Cal27 xenograft using SART1 antibody at a dilution of 1:500



#### WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: NIH-3T3; B: JC; C: BCL-1) using a 7.5% SDS PAGE gel and SART1 antibody at a dilution of 1:5000

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-SART1 antibody | 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 identification and treatment of patients with atopy. |
| Product Categories/Family for anti-SART1 antibody   | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                  |        |
|------------------|--------|
| Molecular Weight | 90 kDa |
|------------------|--------|

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sart1-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225181>