

# SART1 Rabbit Polyclonal Antibody



CAB8569

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

120kDa

### Calculated MW:

90kDa

### Applications:

WB IP

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

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

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

9092

### Uniprot

O43290

### Synonyms:

SART1; Ara1; HOMS1; SART1259; SNRNP110; Snu66; HAF

### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-255 of human SART1 (NP\_005137.1).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

