

SART1 antibody

Catalog No: #22397

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Description

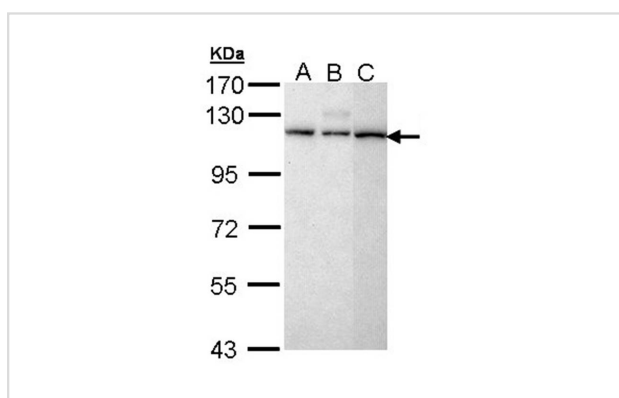
Product Name	SART1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 533 and 762 of human SART1
Target Name	SART1
Accession No.	NCBI Gene ID: 9092NCBI mRNA#: NM_005146NCBI Protein#: NP_005137
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 90kd

Western blotting: 1:500-1:3000

Images



Sample (30 ug of whole cell lysate)

A: H1299

B: HeLa

C: Molt-4

7.5% SDS PAGE

Primary antibody diluted at 1: 5000

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. [provided by RefSeq]

Note: This product is for in vitro research use only and is not intended for use in humans or animals.