



Anti-SART1 (full length) polyclonal antibody (CABT-BL3231)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	full length human SART1, amino acids 1-800.
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, ICC/IF
Cellular Localization	Nuclear
Format	Liquid
Size	50 µg
Buffer	1X PBS, pH 7.2
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	This gene encodes two proteins, the SART1(800) protein expressed in the nucleus of the
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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, Jul 2008]

GENE INFORMATION

Entrez Gene ID	9092
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Protein Refseq	NP_005137
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UniProt ID	O43290
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