Datasheet for ABIN5010241

anti-SART1 antibody (AA 701-800) (AbBy Fluor® 750)

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Overview

Quantity:	100 µL
Target:	SART1
Binding Specificity:	AA 701-800
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SART1 antibody is conjugated to AbBy Fluor® 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SART1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Pig
Purification:	Purified by Protein A.

Target Details

Target:	SART1
Alternative Name:	SART1 (SART1 Products)
Background:	Synonyms: Ara 1, ARA1, HOMS 1, HOMS1, hSART 1, hSART1, hSnu 66, hSnu66, IgE autoantigen,

Target Details

MGC2038, SART 1, SART1 259, SART1259 protein, SART1800 protein, SART1259, Snu 66, Snu66, Squamous cell carcinoma antigen recognised by T cells, Squamous cell carcinoma antigen recognized by T cells 1, U4/U6.U5 tri snRNP associated 110 kDa protein, U4/U6.U5 tri snRNP associated protein, SNUT1_HUMAN.

Background: SART1 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.

Gene ID:	9092
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months