Datasheet for ABIN7449020

anti-SART3 antibody (AA 600-650)

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Overview

Quantity:	5 µg
Target:	SART3
Binding Specificity:	AA 600-650
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SART3 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Purpose:	Rabbit anti-SART3/TIP110 IHC Antibody, Affinity Purified
Immunogen:	Between AA 600 and 650
Isotype:	IgG
Predicted Reactivity:	Orangutan,Chimpanzee,Northern white-cheeked gibbon
Purification:	Affinity Purified

Target Details

Target:	SART3
Alternative Name:	SART3/TIP110 (SART3 Products)
Background:	Background: SART3 (squamous cell carcinoma antigen recognized by T cells 3) was identified

Target Details

	as an antigenic peptide expressed in esophageal cancer cells that is recognized by cytotoxic T lymphocytes. Originally, in a search for a U6 small nuclear RNA capping enzyme, SART3 was identified as a 110 kDa nuclear RNA-binding protein. Later, by database searching, SART 3 was determined to also be the human ortholog of the yeast Prp24 snRNP recycling factor that functions in the reassembly of the U4/U6 snRNP during the recycling phase of the splicesome cycle. Recently, SART3-derived peptides have been investigated as candidates for peptide-based immunotherapy in prostate cancer patients due to their ability to induce cytotoxic T lymphocyte activity against prostate cancer cells.
Gene ID:	9733
NCBI Accession:	NP_055521
UniProt:	Q15020
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	IHC-IF: 1:50 - 1:500 IHC: 1:100 - 1:500
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months