Datasheet for ABIN7452029

anti-SART3 antibody (AA 913-963)

Go to Product page

Overview

Quantity:	20 µg
Target:	SART3
Binding Specificity:	AA 913-963
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SART3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-SART3/TIP110 Antibody, Affinity Purified
Immunogen:	between AA 913 and 963
Isotype:	IgG
Predicted Reactivity:	Orangutan
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:	IP: 2 - 5 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	200 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