

Datasheet for ABIN7454757
anti-SART3 antibody (AA 600-650)



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Overview

Quantity:	20 µg
Target:	SART3
Binding Specificity:	AA 600-650
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SART3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-SART3/TIP110 Antibody, Affinity Purified
Immunogen:	between AA 600 and 650
Isotype:	IgG
Predicted Reactivity:	Orangutan
Purification:	Affinity Purified

Target Details

Target:	SART3
Alternative Name:	SART3/TIP110 (SART3 Products)

Target Details

Background: Background: SART3 (squamous cell carcinoma antigen recognized by T cells 3) was identified 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 spliceosome 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: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.
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