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Datasheet for ABIN7170664

anti-SART3 antibody (AA 600-900) (Biotin)

Overview

Quantity:	100 µg
Target:	SART3
Binding Specificity:	AA 600-900
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SART3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Squamous cell carcinoma antigen recognized by T-cells 3 protein (600-900AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SART3
Alternative Name:	SART3 (SART3 Products)
Background:	Background: U6 snRNP-binding protein that functions as a recycling factor of the splicing

Target Details

machinery. Promotes the initial reassembly of U4 and U6 snRNPs following their ejection from the spliceosome during its maturation (PubMed:12032085). Also binds U6atac snRNPs and may function as a recycling factor for U4atac/U6atac spliceosomal snRNP, an initial step in the assembly of U12-type spliceosomal complex. The U12-type spliceosomal complex plays a role in the splicing of introns with non-canonical splice sites (PubMed:14749385). May also function as a substrate-targeting factor for deubiquitinases like USP4 and USP15. Recruits USP4 to ubiquitinated PRPF3 within the U4/U5/U6 tri-snRNP complex, promoting PRPF3 deubiquitination and thereby regulating the spliceosome U4/U5/U6 tri-snRNP spliceosomal complex disassembly (PubMed:20595234). May also recruit the deubiquitinase USP15 to histone H2B and mediate histone deubiquitination, thereby regulating gene expression and/or DNA repair (PubMed:24526689). May play a role in hematopoiesis probably through transcription regulation of specific genes including MYC (By similarity).

Aliases: DSAP1 antibody, hSART 3 antibody, hSART-3 antibody, P100 antibody, P110 antibody, p110(nrb) antibody, RP11 13G14 antibody, SART 3 antibody, SART-3 antibody, SART3 antibody, SART3_HUMAN antibody, Squamous cell carcinoma antigen recognized by T cells 3 antibody, Squamous cell carcinoma antigen recognized by T-cells 3 antibody, Tat interacting protein of 110 kDa antibody, Tat-interacting protein of 110 kDa antibody, Tip110 antibody

UniProt: [Q15020](#)

Pathways: [Ribonucleoprotein Complex Subunit Organization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.