

Anti-SART3 antibody



Description	Unconjugated Rabbit polyclonal to SART3
Model	STJ190220
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human SART3 protein.
Immunogen Region	40-120aa
Gene ID	9733
Gene Symbol	SART3
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	SART3 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Ubiquitously expressed.
Purification	SART3 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Squamous cell carcinoma antigen recognized by T-cells 3 SART-3 Tat-interacting protein of 110 kDa Tip110 p110 nuclear RNA-binding protein
Molecular Weight	105 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16860 OMIM:611684
Alternative Names	Squamous cell carcinoma antigen recognized by T-cells 3 SART-3 Tat-interacting protein of 110 kDa Tip110 p110 nuclear RNA-binding protein
Function	U6 snRNP-binding protein that functions as a recycling factor of the splicing machinery. Promotes the initial reassembly of U4 and U6 snRNPs following their ejection from the spliceosome during its maturation . 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 . 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 . May also recruit the deubiquitinase USP15 to histone H2B and mediate histone deubiquitination, thereby regulating gene expression and/or DNA repair . May play a role in hematopoiesis probably through transcription regulation of specific genes including MYC . Regulates Tat transactivation activity through direct interaction. May be a cellular factor for HIV-1 gene expression and viral replication.
Cellular Localization	Nucleus, nucleoplasm Nucleus, Cajal body Nucleus speckle Cytoplasm