

Anti-CCNT1 antibody



Description	Unconjugated Rabbit polyclonal to CCNT1
Model	STJ191669
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human CCNT1 protein.
Immunogen Region	220-300aa
Gene ID	904
Gene Symbol	CCNT1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	CCNT1 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Ubiquitously expressed.
Purification	CCNT1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cyclin-T1 CycT1 Cyclin-T
Molecular Weight	79 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:15990MIM:143055
Alternative Names	Cyclin-T1 CycT1 Cyclin-T
Function	Regulatory subunit of the cyclin-dependent kinase pair (CDK9/cyclin-T1) complex, also called positive transcription elongation factor B (P-TEFb), which is proposed to facilitate the transition from abortive to productive elongation by phosphorylating the CTD (carboxy-terminal domain) of the large subunit of RNA polymerase II (RNA Pol II). (Microbial infection) In case of HIV or SIV infections, binds to the transactivation domain of the viral nuclear transcriptional activator, Tat, thereby increasing Tat's affinity for the transactivating response RNA element (TAR RNA). Serves as an essential cofactor for Tat, by promoting RNA Pol II activation, allowing transcription of viral genes.
Cellular Localization	Nucleus

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