

## Anti-CCNT1 antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to CCNT1
<b>Model</b>	STJ191669
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human CCNT1 protein.
<b>Immunogen Region</b>	220-300aa
<b>Gene ID</b>	<a href="#">904</a>
<b>Gene Symbol</b>	<a href="#">CCNT1</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	CCNT1 Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Ubiquitously expressed.
<b>Purification</b>	CCNT1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Cyclin-T1 CycT1 Cyclin-T
<b>Molecular Weight</b>	79 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated

<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="https://www.ncbi.nlm.nih.gov/omim/143055">HGNC:15990MIM:143055</a>
<b>Alternative Names</b>	Cyclin-T1 CycT1 Cyclin-T
<b>Function</b>	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.
<b>Cellular Localization</b>	Nucleus

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