

# Cyclin T1 Rabbit mAb

Catalog # AP75317

## Product Information

---

Application	WB, IHC-P, IHC-F, IP, ICC
Primary Accession	<a href="#">O60563</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	80685

## Additional Information

---

Gene ID	904
Other Names	CCNT1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A IHC-F~~N/A IP~~N/A ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

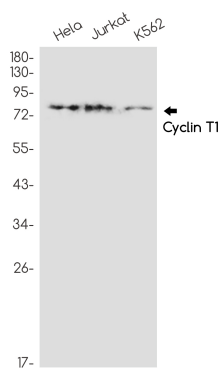
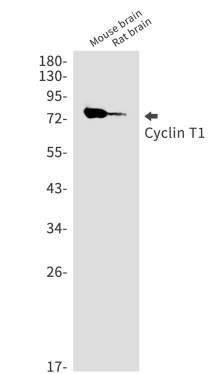
## Protein Information

---

Name	CCNT1
Function	Regulatory subunit of the cyclin-dependent kinase pair (CDK9/cyclin-T1) complex, also called positive transcription elongation factor B (P-TEFb), which facilitates the transition from abortive to productive elongation by phosphorylating the CTD (C-terminal domain) of the large subunit of RNA polymerase II (RNA Pol II) (PubMed: <a href="#">16109376</a> , PubMed: <a href="#">16109377</a> , PubMed: <a href="#">30134174</a> , PubMed: <a href="#">35393539</a> ). Required to activate the protein kinase activity of CDK9: acts by mediating formation of liquid-liquid phase separation (LLPS) that enhances binding of P-TEFb to the CTD of RNA Pol II (PubMed: <a href="#">29849146</a> , PubMed: <a href="#">35393539</a> ).
Cellular Location	Nucleus
Tissue Location	Ubiquitously expressed.

## Images

---



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.