

Cyclin T1 Rabbit mAb
Catalog # AP75317**Specification**

Cyclin T1 Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	O60563
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	80685

Cyclin T1 Rabbit mAb - Additional Information

Gene ID 904

Other Names

CCNT1

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

Format

Liquid

Cyclin T1 Rabbit mAb - 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: [16109376](http://www.uniprot.org/citations/16109376), PubMed: [16109377](http://www.uniprot.org/citations/16109377), PubMed: [30134174](http://www.uniprot.org/citations/30134174), PubMed: [35393539](http://www.uniprot.org/citations/35393539)). 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: [29849146](http://www.uniprot.org/citations/29849146), PubMed: [35393539](http://www.uniprot.org/citations/35393539)).

Cellular Location

Nucleus

Tissue Location

Ubiquitously expressed.

Cyclin T1 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cyclin T1 Rabbit mAb - Images



