

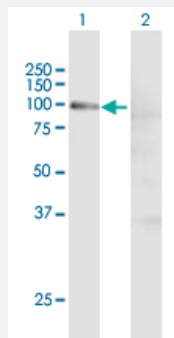
MaxPab®

# CCNT1 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000904-B02P

Size 50 ug

## Applications

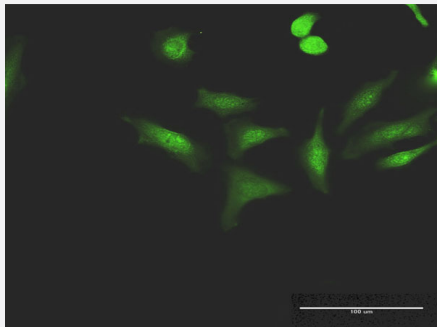


### Western Blot (Transfected lysate)

Western Blot analysis of CCNT1 expression in transfected 293T cell line ([H00000904-T03](#)) by CCNT1 MaxPab polyclonal antibody.

Lane 1: CCNT1 transfected lysate(80.70 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CCNT1 on HeLa cell. [antibody concentration 20 ug/ml]

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human CCNT1 protein.

### Immunogen

CCNT1 (NP\_001231.2, 1 a.a. ~ 726 a.a) full-length human protein.

Sequence	MEGERKNNNKRWYFTREQLNSPSRRFGVDPDKELSYRQQAANLLQDMGQRLNVSQLTINTAIV YMHRYMIQSFTQFPGNSVAPAALFLAAKVEEQPKKLEHVIKVAHTCLHPQESLPDTRSEAYLQQ VQDLVILESIIQLTGFELTIDHPHTHVVKCTQLVRASKDLAQTSYFMATNSLHLTTFSLQYTPPVVA CVCIH LACKWSNWEIPVSTDGKHWWVEYVDATVTLELLDELTHEFLQILEKTPNRLKRIWNWRACE AAKKT KADDRGTDEKTSEQTILNMISQSSSDTTIAGLMSMSTSTTSAPVSLPVSEESSNLTSVEM LPGKRWLSSQPSFKLEPTQGHRTSENALALTGVDHSLPQDGSNAFISQKQNSKSVPSAKVSLKEY RAKHAEELAAQKRQLENMEANVKSQYAYAAQNLLSHHDSHSSVILKMPIEGSENPERPFLEKAD KTALKMRIPVAGGDKAASSKPEEIKMRIKVHAAADKHNSVEDSVTKSREHKEKHKTHPSNHHHHH NHHSHKHSHSQLPVGTGNKRPGDPKHSSQTSNLAHKTYSLSSSFSSSSSTRKRGPSSEETGGAV FDHPAKIAKSTKSSSLNFSFPSLPTMGQMPPGHSSDTSGLSFSQPSCKTRVPHSKLDKGPTGANG HNTTQTIDYQDTVNMHLHSLLSAQGVQPTQPTAFEFVRPYSDYLNPRSGGSSRSNGNTDKPRPPPL PSEPPPPPLPLPK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (78)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to CCNT1 on HeLa cell. [antibody concentration 20 ug/ml]

## Gene Info — CCNT1

Entrez GeneID [904](#)

GeneBank Accession# [NM\\_001240](#)

Protein Accession#	<a href="#">NP_001231.2</a>
Gene Name	CCNT1
Gene Alias	CCNT, CYCT1
Gene Description	cyclin T1
Omim ID	<a href="#">602506</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin tightly associates with CDK9 kinase, and was found to be a major subunit of the transcription elongation factor p-TEFb. The kinase complex containing this cyclin and the elongation factor can interact with, and act as a cofactor of human immunodeficiency virus type 1 (HIV-1) Tat protein, and was shown to be both necessary and sufficient for full activation of viral transcription. This cyclin and its kinase partner were also found to be involved in the phosphorylation and regulation of the carboxy-terminal domain (CTD) of the largest RNA polymerase II subunit. [provided by RefSeq]</p>
Other Designations	CDK9-associated C-type protein cyclin C-related protein cyclin T1b subunit of positive elongation transcription factor b

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)