

DNAXPab

Hard-to-Find
Antibody

CCNT1 DNAXPab

Catalog # H00000904-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human CCNT1 DNA using DNAX™ Immune technology.

Technology [DNAX™ Immune](#)

Immunogen Full-length human DNA

Sequence MEGERKNNNKRWYFTREQLNSPSRRFGVDPDKELSYRQQAANLLQDMGQRLNVSQLTINTAIV
YMHRYMIQSFTQFPGNSVAPAALFLAAKVEEQPKKLEHVIKVAHTCLHPQESLPDTRSEAYLQQ
VQDLVILESILQTLGFELTIDHPHPTHVVKCTQLVRASKDLAQTSYFMATNSLHLTTFSLQYTPPVVA
CVCIHACKWSNWEIPVSTDGKHWWYVDATVLELLDELTHEFLQILEKTPNGLKRWNRACE
AAKKTADDRTDEKTSEQTILNMISQSSDTTIAGLMSMSTSTTSAPVSLPVSEESSNLTSVEM
LPGKRWLSSQPSFKLEPTQGHRTSENALTGVDHSLPQDGSNAFISQKQNSKSVPSAKVSLKEY
RAKHAEELAAQKRQLENMEANVKSQYAYAAQNLLSHHDSHSSVILKMPIEGSENPERPFLEKAD
KTALKMRIPVAGGDKAASSKPEEIKMRIKVHAAADKHNSVEDSVTKSREHKEKHKTHPSNHHHHH
NHSHKHSLSQLPVGTGNKRPGDPKHSSQTSNLAHKTYLSSSFSSSSSTRKRGPSSEETGGAV
FDHPAKIAKSTKSSSLNFSFPLPTMGQMPGHSSDTSGLSFSQPSCKTRVPHSKLDKGPTGANG
HNTTQTIDYQDTVNMLHSLLSAQGVQPTQPTAFEFVRPYSDYLNPRSGGSSRSRGNTDKPRPPPL
PSEPPPPLPLPK

Host Rabbit

Reactivity Human

Purification Protein A

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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CCNT1

Entrez GeneID [904](#)

GeneBank Accession# [AK290990.1](#)

Protein Accession# [BAF83679.1](#)

Gene Name CCNT1

Gene Alias CCNT, CYCT1

Gene Description cyclin T1

Omim ID [602506](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

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](#)