

Product datasheet for **TA307981**

Cyclin T2 (CCNT2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Rat, Bovine)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 497 and 730 of cyclin T2 (Uniprot ID#O60583)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	81 kDa
Gene Name:	cyclin T2
Database Link:	NP_490595 Entrez Gene 72949 Mouse Entrez Gene 304758 Rat Entrez Gene 905 Human O60583

Background: 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 and its kinase partner CDK9 were found to be subunits of the transcription elongation factor p-TEFb. The p-TEFb complex containing this cyclin was reported to interact with, and act as a negative regulator of human immunodeficiency virus type 1 (HIV-1) Tat protein. Two alternatively spliced transcript variants, which encode distinct isoforms, have been described. [provided by RefSeq]



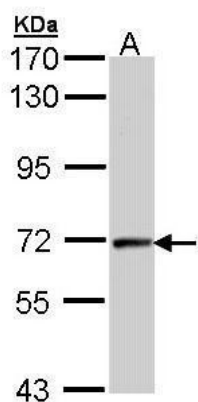
[View online »](#)

Synonyms: CYCT2

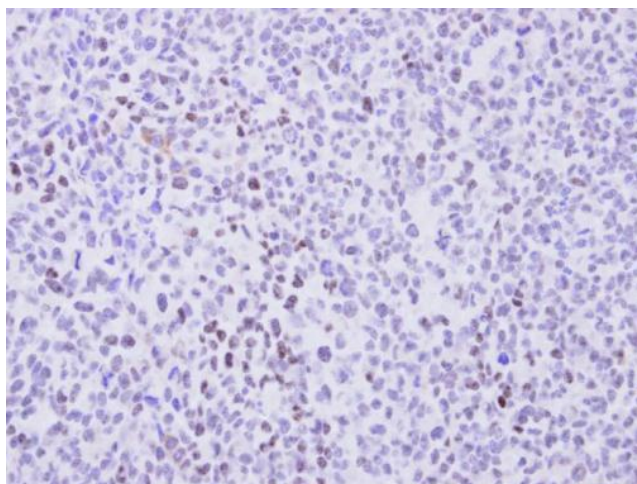
Note: Seq homology of immunogen across species: Mouse (80%), Rat (80%), Bovine (95%)

Protein Families: Druggable Genome, Transcription Factors

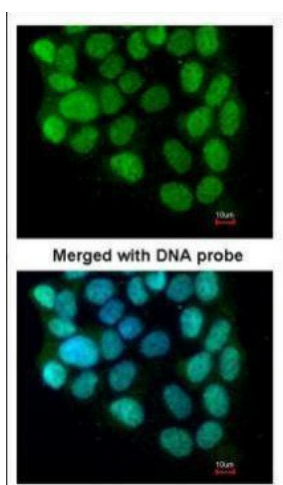
Product images:



Sample (30 ug of whole cell lysate). A: Hep G2. 7.5% SDS PAGE. TA307981 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded H1299 Xenograft, using cyclin T2 (TA307981) antibody at 1:100 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed A431, using cyclin T2 (TA307981) antibody at 1:200 dilution.