

## Cyclin T2 rabbit pAb

Cat No.: ES17150

For research use only

## Overview

Product Name Cyclin T2 rabbit pAb

Host species Rabbit
Applications IHC;IF;WB

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions IHC-p 1:50-200, WB 1:500-2000

Immunogen Synthesized peptide derived from human Cyclin T2

AA range: 510-590

**Specificity** This antibody detects endogenous levels of human

Cyclin T2

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Cyclin T2
Gene Name CCNT2

**Cellular localization** Cytoplasm, perinuclear region . Nucleus . Nucleus in

differentiating cells. .

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 73kD
Human Gene ID 905
Human Swiss-Prot Number O60583

Alternative Names Cyclin-T2 (CycT2)

**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

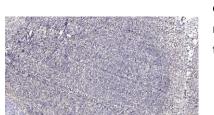


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CDK9 were found to be subunits of the transcription elongation factor p-TEFb. The p-TEFb complex containing this cyclin was reported to interact with, and act as a negative regulator of human immunodeficiency virus type 1 (HIV-1) Tat protein. A pseudogene of this gene is found on chromosome 1. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Dec 2010],



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Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

