

# Phospho-Cyclin E1-T395 Rabbit Polyclonal Antibody

## CABP0013



### Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

55kDa

**Calculated MW:**

41kDa/45kDa/47kDa

**Applications:**

WB IF

**Reactivity:**

Human

### Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000 IF 1:50 - 1:100

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

### Protein 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 forms a complex with and functions as a regulatory subunit of CDK2, whose activity is required for cell cycle G1/S transition. This protein accumulates at the G1-S phase boundary and is degraded as cells progress through S phase. Overexpression of this gene has been observed in many tumors, which results in chromosome instability, and thus may contribute to tumorigenesis. This protein was found to associate with, and be involved in, the phosphorylation of NPAT protein (nuclear protein mapped to the ATM locus), which participates in cell-cycle regulated histone gene expression and plays a critical role in promoting cell-cycle progression in the absence of pRB.

### Immunogen information

**Gene ID:**

898

**Uniprot**

P24864

**Synonyms:**

CCNE1; CCNE; pCCNE1; cyclin E1

**Immunogen:**

A synthetic phosphorylated peptide around T395 of human Cyclin E1 (NP\_001229.1).

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

