Phospho-Cyclin E1-T77 Rabbit Monoclonal Antibody

CABP1014

Product Information

Size:

20uL, 50uL, 100uL

Observed MW:

54KDa

Calculated MW:

48kDa

Applications:

WB

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000

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. [provided by RefSeq, Apr 2016]

Immunogen information

Gene ID:
898

Uniprot
P24864

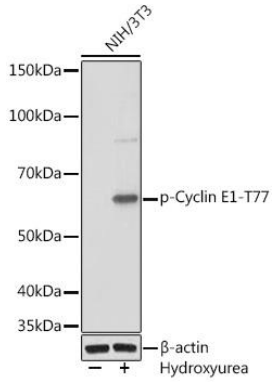
Synonyms:
CCNE; pCCNE1

Immunogen:
A phospho specific peptide corresponding to residues surrounding T77 of human Cyclin E1

Storage:
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

 info@assaygenie.com www.assaygenie.com

Product Images



Western blot - Phospho-Cyclin E1-T77 Rabbit mAb (CABP1014)