

## Cyclin E1 (phospho-Thr62) rabbit pAb

Catalog No: #13936



Package Size: #13936-1 50ul #13936-2 100ul

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## Description

Product Name	Cyclin E1 (phospho-Thr62) rabbit pAb
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human
Specificity	This antibody detects endogenous levels of Human Cyclin E1 (phospho-Thr62)
Immunogen Description	Synthesized phospho peptide around human Cyclin E1 (Thr62)
Other Names	G1/S-specific cyclin-E1
Accession No.	Swiss Prot:P24864GeneID:898
SDS-PAGE MW	49
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

WB 1:1000-2000

## Background

cyclin E1(CCNE1) Homo sapiens 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

Note: This product is for in vitro research use only and is not intended for use in humans or animals.