

# Cyclin E1 (Phospho Thr62) Rabbit pAb

CatalogNo: YP1307

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB

### MW

- 49kD (Observed)

### Isotype

- IgG

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

## Recommended Dilution Ratios

**WB 1:1000-2000**

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** Synthesized phospho peptide around human Cyclin E1 (Thr62)

**Specificity** This antibody detects endogenous levels of Human Cyclin E1 (phospho-Thr62)

## Target Information

**Gene name** CCNE1 CCNE

**Protein Name**

Cyclin E1 (Thr62)

| Organism | Gene ID                | UniProt ID              |
|----------|------------------------|-------------------------|
| Human    | <a href="#">898;</a>   | <a href="#">P24864;</a> |
| Mouse    | <a href="#">12447;</a> | <a href="#">Q61457;</a> |
| Rat      |                        | <a href="#">P39949;</a> |

**Cellular Localization**

Nucleus .

**Tissue specificity** Highly expressed in testis and placenta. Low levels in bronchial epithelial cells.**Function**

Function:Essential for the control of the cell cycle at the G1/S (start) transition.,PTM:Phosphorylation of Thr-395 by GSK3 and of Ser-399 by CDK2 accelerates degradation via the ubiquitin proteasome pathway. Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the cyclin family. Cyclin E subfamily.,subunit:Interacts with a member of the CDK2/CDK protein kinases to form a serine/threonine kinase holoenzyme complex. The cyclin subunit imparts substrate specificity to the complex. Interacts with retinoblastoma binding protein 3 and retinoblastoma-like protein 1. Found in a complex with CDK2, CABLES1 and CCNA1 (By similarity). Part of a complex consisting of UHRF2, CDK2 and CCNE1.,tissue specificity:Highly expressed in testis and placenta. Low levels in bronchial epithelial cells.,

## | Validation Data

## | Contact information

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