

## Cyclin E1 (Phospho Thr62) Rabbit pAb

CatalogNo: YP1307

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 49kD (Observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

WB 1:1000-2000

### 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.

### 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

<b>Protein Name</b>	Cyclin E1 (Thr62)		
	<b>Organism</b>	<b>Gene ID</b>	<b>UniProt ID</b>
	Human	<a href="#">898;</a>	<a href="#">P24864;</a>
	Mouse	<a href="#">12447;</a>	<a href="#">Q61457;</a>
	Rat		<a href="#">P39949;</a>
<b>Cellular Localization</b>	Nucleus .		
<b>Tissue specificity</b>	Highly expressed in testis and placenta. Low levels in bronchial epithelial cells.		
<b>Function</b>	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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