

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	898;	P24864;
Mouse	12447;	Q61457;
Rat		P39949;

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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Cyclin E1 (Phospho Thr62) Rabbit pAb

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