

Cyclin B1 (Phospho Ser116) Rabbit pAb

CatalogNo: YP1305

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 60kD (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 B1 (Ser116)

Specificity This antibody detects endogenous levels of Human Cyclin B1 (phospho-Ser116)

Target Information

Gene name CCNB1 CCNB

Protein Name G2/mitotic-specific cyclin-B1 (Ser116)

Organism	Gene ID	UniProt ID
Human	891 ;	P14635 ;
Mouse	268697 ;	P24860 ;
Rat	25203 ;	P30277 ;

Cellular Localization Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome.

Tissue specificity Breast adenocarcinoma,Lung,Placenta,

Function developmental stage:Accumulates steadily during G2 and is abruptly destroyed at mitosis.,Function:Essential for the control of the cell cycle at the G2/M (mitosis) transition.,PTM:Ubiquitinated by the SCF(NIPA) complex during interphase, leading to its destruction. Not ubiquitinated during G2/M phases.,similarity:Belongs to the cyclin family.,similarity:Belongs to the cyclin family. Cyclin AB subfamily.,subunit:Interacts with the CDC2 protein kinase to form a serine/threonine kinase holoenzyme complex also known as maturation promoting factor (MPF). The cyclin subunit imparts substrate specificity to the complex. Binds HEI10. Interacts with catalytically active RALBP1 and CDC2 during mitosis to form an endocytotic complex during interphase.,

| Validation Data

| Contact information

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Cyclin B1 (Phospho Ser116) Rabbit pAb

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