

## Rabbit Cyclin E1 Polyclonal Antibody | anti-CCNE1 antibody

Rabbit anti-Cyclin E1 (pT77) Antibody

| CATALOG # | HOST   | REACTIVITY    | APPLICATIONS                                           |
|-----------|--------|---------------|--------------------------------------------------------|
| AAA221019 | Rabbit | Human, Monkey | Immunofluorescence, Immunohistochemistry, Western Blot |

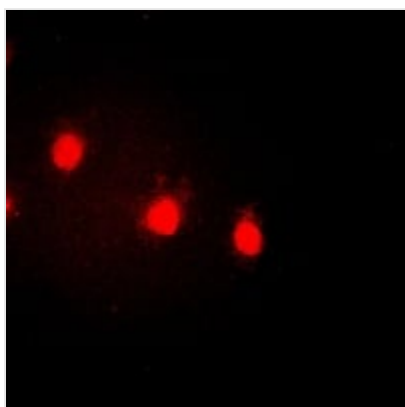
### PRODUCT SYNONYMS

Cyclin E1; Polyclonal Antibody; Rabbit anti-Cyclin E1 (pT77) Antibody; CCNE1; G1/S-specific cyclin-E1; anti-CCNE1 antibody

### PRODUCT SPECIFICATIONS

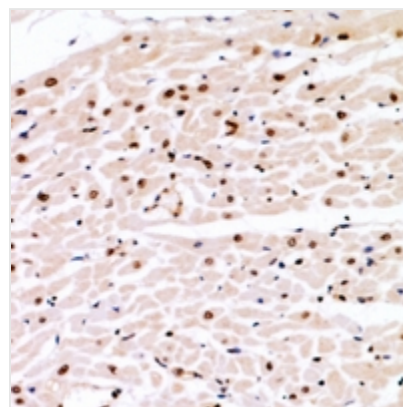
|                                                 |                                                                                                                                          |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                   |
| Reactivity                                      | Human, Monkey                                                                                                                            |
| Clonality                                       | Polyclonal                                                                                                                               |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                                          |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                |
| Concentration                                   | 1mg/mL (varies by lot)                                                                                                                   |
| Applicable Applications for anti-CCNE1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                   |
| Immunogen                                       | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cyclin E1. The exact sequence is proprietary. |
| Preparation and Storage                         | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                                |

### IMAGES



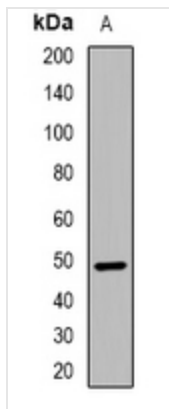
#### IF (Immunofluorescence)

Immunofluorescent analysis of Cyclin E1 (pT77) staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Cyclin E1 (pT77) staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Cyclin E1 (pT77) expression in HEK293 LPS-treated (A) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                   |                    |
|---------------------------------------------------|--------------------|
| Product Categories/Family for anti-CCNE1 antibody | Primary antibodies |
|---------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 17318559                                       |
| NCBI GeneID                      | 898                                            |
| NCBI Accession #                 | NP_001229.1                                    |
| NCBI GenBank Nucleotide #        | NM_001238.2                                    |
| UniProt Accession #              | P24864; Q14091; Q8NFG1; Q92501; Q9UD21; A8K684 |
| Molecular Weight                 | 47,077 Da                                      |
| NCBI Official Full Name          | G1/S-specific cyclin-E1                        |
| NCBI Official Synonym Full Names | cyclin E1                                      |
| NCBI Official Symbol             | CCNE1                                          |
| NCBI Official Synonym Symbols    | CCNE                                           |
| NCBI Protein Information         | G1/S-specific cyclin-E1; cyclin Es; cyclin Et  |
| UniProt Protein Name             | G1/S-specific cyclin-E1                        |
| UniProt Gene Name                | <b>CCNE1</b>                                   |
| UniProt Synonym Gene Names       | CCNE                                           |
| UniProt Entry Name               | CCNE1_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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