



# Cyclin E1 Antibody

Rabbit mAb Catalog # AP90816

### **Product Information**

Application WB, IF, ICC
Primary Accession P24864
Reactivity Human
Clonality Monoclonal

Other Names CCNE; Ccne1; cyclin E variant ex5del; cyclin E variant ex7del; Cyclin E1; Cyclin

Es; Cyclin Et; G1/S specific cyclin E; G1/S-specific cyclin-E1;

IsotypeRabbit IgGHostRabbitCalculated MW47077

#### **Additional Information**

**Dilution** WB 1:1000~1:2000 ICC/IF 1:50~1:200

**Purification** Affinity-chromatography

Immunogen A synthesized peptide derived from human Cyclin E1

**Description** Cyclin E1 and cyclin E2 can associate with and activate CDK2. Upon DNA

damage, upregulation/activation of the CDK inhibitors p21 Waf1/Cip1 and p27 Kip1 prevent cyclin E/CDK2 activation, resulting in G1/S arrest. Cyclin E1 is phosphorylated at multiple sites in vivo including Thr62, Ser88, Ser72, Thr380

and Ser384, and is controlled by at least two kinases, CDK2 and GSK-3.

**Storage Condition and Buffer** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

#### **Protein Information**

Name CCNE1

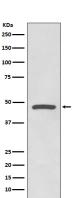
**Synonyms** CCNE

**Function** Essential for the control of the cell cycle at the G1/S (start) transition.

Cellular Location Nucleus.

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

## **Images**



lysate.

Image not found: 202311/AP90816-IF.jpg

Immunofluorescent analysis of Hela cells, using Cyclin E1

Antibody.

Image not found: 202311/AP90816-wb6.jpg

APC/C is essential for hematopoiesis and impaired in

aplastic anemia. -Oncotarget

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