

## **Product datasheet for TA362747**

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## Cyclin E2 (CCNE2) Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

**Clonality:** Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the N terminal region of human

CCNE2

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity purified Conjugation: Unconjugated

**Storage:** For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** 39 kDa **Gene Name:** cyclin E2

Database Link: NP 477097.1

Entrez Gene 9134 Human

<u>096020-2</u>



### Cyclin E2 (CCNE2) Rabbit Polyclonal Antibody - TA362747

**Background:** The protein encoded by this gene belongs to the highly conserved cyclin family, whose

members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK2. This cyclin has been shown to specifically interact with CIP/KIP family of CDK inhibitors, and plays a role in cell cycle G1/S transition. The expression of this gene peaks at the G1-S phase and exhibits a pattern of tissue specificity distinct from that of cyclin E1. A significantly

Synonyms: CYCE2

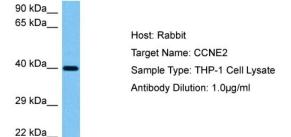
**Protein Families:** Druggable Genome

Protein Pathways: Cell cycle, Oocyte meiosis, p53 signaling pathway, Pathways in cancer, Prostate cancer, Small

increased expression level of this gene was observed in tumor-derived cells.

cell lung cancer

## **Product images:**



Host: Rabbit Target Name: CCNE2

Sample Tissue: Human THP-1 Whole Cell lysates

Antibody Dilution: 1ug/ml