

Anti-Cyclin E (RABBIT) Antibody
Cyclin E Antibody
Catalog # ASR3664**Specification**

Anti-Cyclin E (RABBIT) Antibody - Product Information

| | |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host | Rabbit |
| Conjugate | Unconjugated |
| Target Species | Human |
| Reactivity | Human |
| Clonality | Polyclonal |
| Application | WB, E, IP, I, LCI |
| Application Note | Anti-Cyclin-E antibody is suitable for the detection by immunoblot, ELISA and IP. Researchers should determine optimal titers for applications that are not stated below. Antiserum will specifically react with a 45 kDa Cyclin E protein from human tissue. |
| Physical State | Liquid (sterile filtered) |
| Immunogen | Anti-Cyclin-E Antibody was produced by repeated immunizations with a KLH conjugated peptide corresponding to a region near the carboxy terminus of human Cyclin E. |
| Preservative | 0.01% (w/v) Sodium Azide |

Anti-Cyclin E (RABBIT) Antibody - Additional Information**Gene ID 898****Other Names**
898**Purity**

Anti-Cyclin-E was prepared from monospecific antiserum by delipidation and defibrination. No reaction was observed against other related cyclins. Cross reactivity with Cyclin E from other species may also occur.

Storage Condition

Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-Cyclin E (RABBIT) Antibody - 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.

Anti-Cyclin E (RABBIT) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Cyclin E (RABBIT) Antibody - Images

Anti-Cyclin E (RABBIT) Antibody - Background

Anti-Cyclin-E antibody detects cyclin-E. Cyclin E is a member of the cyclin family. Cyclin E binds to the G1 phase Cdk2, which is required for the transition from G1 to S phase of the cell cycle that determines cell division. The Cyclin E/CDK2 complex phosphorylates p27Kip1, tagging it for degradation, thus promoting expression of Cyclin A, allowing progression to S phase. Anti-cyclin-e Antibody is ideal for investigators involved in Cell Signaling, cell biology and Signal Transduction research.