

Cyclin E2 Rabbit Polyclonal Antibody

Catalog #: EAB10384

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|--------------------------|----------|--------------|
| Rabbit IgG | Polyclonal | WB, IHC-P, IF/ICC, ELISA | 47 | Human, Mouse |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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|--|--------------|
| WB (Western Blotting) | 1:500-2000 |
| IHC-P (Immunohistochemistry-Paraffin) | 1:50-300 |
| IF/ICC (Immunofluorescence/Immunocytochemistry) | 1:50-300 |
| ELISA (Enzyme-linked Immunosorbent Assay) | 1:5000-20000 |

Product Information

| | |
|-----------------------|--|
| Conjugate | Unconjugate |
| Specificity | Cyclin E2 Rabbit Polyclonal Antibody detects endogenous levels of Cyclin E2 protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| UniProt ID | O96020 |
| Entrez-Gene Id | 9134 |

Product Description

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

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