

DNAxPAb

Hard-to-Find  
Antibody

# CCNE2 DNAxPab

Catalog # H00009134-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CCNE2 DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MSRRSSRLQAKQQPQPSQTESPQEAQIIQAKKRKTQDVKKRREEVTKKHQYEIRNCWPPVLSG GISPCIIETPHKEIGTSDFSRTNYRFKNLFINPSLPDLSWGCSKEVWLNMLKKESRYVHDKHFE VLHSDLEPQMRSILLDWLLEVCEVYTLHRETFYLAQDFFDRFMLTQKDINKNMLQLIGITSLFIASKL EEIYAPKLQEFAYVTDGACSEEDILRMELIILKALKWELCPVTIISWLNFLQVDALKDAPKVLLPQY SQETFIQIAQLLDLCILAIDSLEFQYRILTAAALCHFTSIEVVKKASGLEWDSISECVDWMVPFVNVV KSTSPVKLKTFFKIPMEDRHNIQTHTNYLAMLEEVNYINTFRKGGQLSPVCNGGIMTPPKSTEKPPG KH
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — CCNE2

Entrez GeneID	<a href="#">9134</a>
GeneBank Accession#	<a href="#">NM_057749.1</a>
Protein Accession#	<a href="#">NP_477097.1</a>
Gene Name	CCNE2
Gene Alias	CYCE2
Gene Description	cyclin E2
Omim ID	<a href="#">603775</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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. [provided by RefSeq]</p>
Other Designations	G1/S-specific cyclin E2

## Pathway

- [Cell cycle](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)