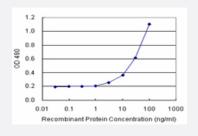


## CCNE1 (Human) Matched Antibody Pair

Catalog # H00000898-AP21 Size 1 Set

### Applications



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

Specification	
Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human CCNE1.
Reactivity	Human
Quality Control Testing	Standard curve using recombinant protein ( H00000898-P01 ) as an analyte.
	Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.
Supplied Product	Antibody pair set content:
	1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-CCNE1 (100 ug)
	2. Detection antibody: mouse polyclonal anti-CCNE1 (40 ul)
	*Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze that
	w cycle. Reagents should be returned to -20°C storage immediately after use.

### Applications

• ELISA Pair (Recombinant protein)

Protocol Download

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Gene Info — CCNE1	
Entrez GenelD	<u>898</u>
Gene Name	CCNE1
Gene Alias	CCNE
Gene Description	cyclin E1
Omim ID	<u>123837</u>
Gene Ontology	Hyperlink
Gene Summary	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 fu nction 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, whose activity is required for cell cycle G1/S transition. This protein accumulates at the G1-S phase boundary and is degraded as cells p rogress through S phase. Overexpression of this gene has been observed in many tumors, which results in chromosome instability, and thus may contribute to tumorigenesis. This protein was foun d to associate with, and be involved in, the phosphorylation of NPAT protein (nuclear protein map ped to the ATM locus), which participates in cell-cycle regulated histone gene expression and pla ys a critical role in promoting cell-cycle progression in the absence of pRB. Two alternatively splic ed transcript variants of this gene, which encode distinct isoforms, have been described. Two add itional splice variants were reported but detailed nucleotide sequence information is not yet availa ble. [provided by RefSeq
Other Designations	cyclin Es cyclin Et

### Pathway

- Cell cycle
- p53 signaling pathway
- Pathways in cancer
- Prostate cancer
- Small cell lung cancer

### Disease

<u>Adenocarcinoma</u>

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**Product Information** 

- Breast cancer
- Breast Neoplasms
- Disease Progression
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- <u>Neoplasm Invasiveness</u>
- <u>Neoplasms</u>
- Ovarian cancer
- Ovarian Neoplasms
- Urinary Bladder Neoplasms