

## Cyclin E1 (phospho-Thr62) rabbit pAb

Catalog_no :	AP1307
Applications :	WB
Reactivity :	Human
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	CCNE1 CCNE
Protein_name :	Cyclin E1 (Thr62)
Humangene_id	<a href="#">898</a>
:	
Humanswissprot	<a href="#">P24864</a>
_no :	
Mousegene_id :	<a href="#">12447</a>
Mouseswissprot	<a href="#">Q61457</a>
_no :	
Ratswissprot_no	<a href="#">P39949</a>
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Immunogen :	Synthesized phosho peptide around human Cyclin E1 (Thr62)
Specificity :	This antibody detects endogenous levels of Human Cyclin E1 (phospho-Thr62)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability	-20°C/1 year
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Other_name :	G1/S-specific cyclin-E1
Molecular	49KD
Weight :	

**Background :** cyclin E1(CCNE1) Homo sapiens 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, whose activity is required for cell cycle G1/S transition. This protein accumulates at the G1-S phase boundary and is degraded as cells progress 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 found to associate with, and be involved in, the phosphorylation of NPAT protein (nuclear protein mapped to the ATM locus), which participates in

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