

Product datasheet for **TA325315**

Cyclin E1 (CCNE1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200; IF: 1:100-1:500
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against a synthesized A synthesized peptide derived from human Cyclin E1.
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cyclin E1
Database Link:	NP_001229 Entrez Gene 12447 MouseEntrez Gene 25729 RatEntrez Gene 898 Human P24864
Background:	CCNE1 a member of 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. Forms a complex with and functions as a regulatory subunit of CDK2, whose activity is required for cell cycle G1/S transition. Accumulates at the G1-S phase boundary and is degraded as cells progress through S phase. Two alternatively spliced isoforms have been described.
Synonyms:	CCNE; pCCNE1

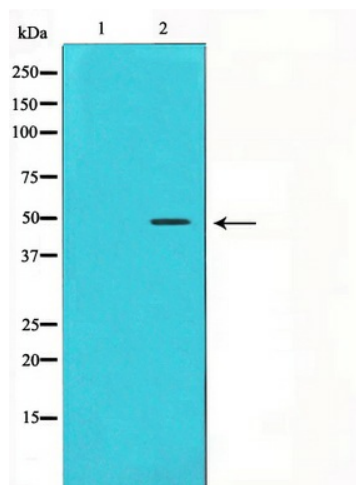


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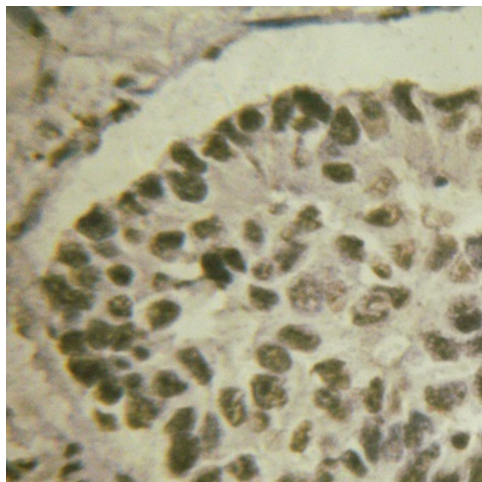
Protein Families: Druggable Genome, Stem cell - Pluripotency, Stem cell relevant signaling - DSL/Notch pathway, Transcription Factors

Protein Pathways: Cell cycle, Oocyte meiosis, p53 signaling pathway, Pathways in cancer, Prostate cancer, Small cell lung cancer

Product images:



Western blot analysis on HeLa cell lysate using Cyclin E1 Antibody



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Cyclin E1 Antibody.