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Cyclin E1 Antibody

Rabbit mAb
Catalog # AP90816

Product Information

Application	WB, IF, ICC
Primary Accession	P24864
Reactivity	Human
Clonality	Monoclonal
Other Names	CCNE; Ccne1; cyclin E variant ex5del; cyclin E variant ex7del; Cyclin E1; Cyclin Es; Cyclin Et; G1/S specific cyclin E; G1/S-specific cyclin-E1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	47077

Additional Information

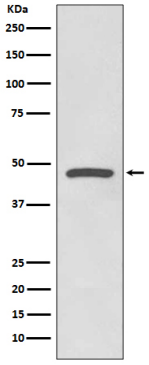
Dilution	WB 1:1000~1:2000 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Cyclin E1
Description	Cyclin E1 and cyclin E2 can associate with and activate CDK2. Upon DNA damage, upregulation/activation of the CDK inhibitors p21 Waf1/Cip1 and p27 Kip1 prevent cyclin E/CDK2 activation, resulting in G1/S arrest. Cyclin E1 is phosphorylated at multiple sites in vivo including Thr62, Ser88, Ser72, Thr380 and Ser384, and is controlled by at least two kinases, CDK2 and GSK-3.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	CCNE1
Synonyms	CCNE
Function	Essential for the control of the cell cycle at the G1/S (start) transition.
Cellular Location	Nucleus.
Tissue Location	Highly expressed in testis and placenta. Low levels in bronchial epithelial cells.

Images

Western blot analysis of Cyclin E1 expression in HeLa cell



lysate.

Image not found : 202311/AP90816-IF.jpg

Immunofluorescent analysis of Hela cells, using Cyclin E1 Antibody.

Image not found : 202311/AP90816-wb6.jpg

APC/C is essential for hematopoiesis and impaired in aplastic anemia. -Oncotarget

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