

Rabbit anti-Human CCNE1-T395 Antibody | anti-CCNE1 antibody

Phospho-CCNE1-T395 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36683	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

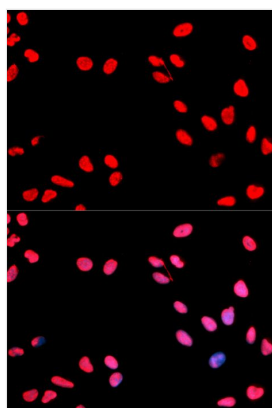
PRODUCT SYNONYMS

CCNE1-T395; Phospho-CCNE1-T395 Polyclonal Antibody; Phospho-CCNE1-T395: CCNE1; anti-CCNE1 antibody

PRODUCT SPECIFICATIONS

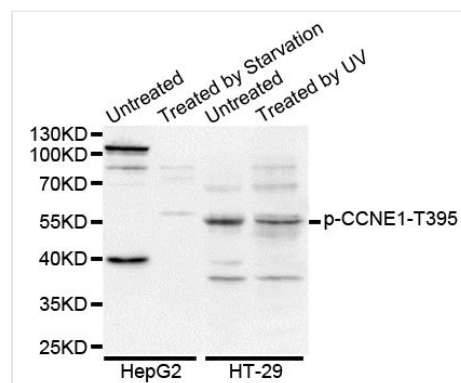
Host	Rabbit
Reactivity	Human
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	410
Applicable Applications for anti-CCNE1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A phospho specific peptide corresponding to residues surrounding T395 of human CCNE1
Calculated Molecular Weight	47kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells using Phospho-CCNE1-T395 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Phospho-CCNE1-T395 antibody. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

ADDITIONAL INFORMATION

Related Product Information for anti-CCNE1 antibody	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 cell-cycle regulated histone gene expression and plays a critical role in promoting cell-cycle progression in the absence of pRB. Two alternatively spliced transcript variants of this gene, which encode distinct isoforms, have been described. Two additional splice variants were reported but detailed nucleotide sequence information is not yet available.
Product Categories/Family for anti-CCNE1 antibody	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	3041657
NCBI GeneID	898
UniProt Accession #	P24864; Q14091; Q8NFG1; Q92501; Q9UD21; A8K684
Molecular Weight	410
NCBI Official Full Name	G1/S-specific cyclin-E1
NCBI Official Synonym Full Names	cyclin E1
NCBI Official Symbol	CCNE1
NCBI Official Synonym Symbols	CCNE
NCBI Protein Information	G1/S-specific cyclin-E1; cyclin Es; cyclin Et; cyclin E variant ex5del; cyclin E variant ex7del
UniProt Protein Name	G1/S-specific cyclin-E1
UniProt Gene Name	CCNE1
UniProt Synonym Gene Names	CCNE
UniProt Entry Name	CCNE1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-human-antibody/ccne1-t395/36683>