

Rabbit CCNB1 Polyclonal Antibody | anti-CCNB1 antibody

CCNB1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285884	Rabbit	Reacts with: Human Predicted Reactivity: Bovine, Hamster, Mouse, Rat.	Immunohistochemistry, ELISA, Western Blot

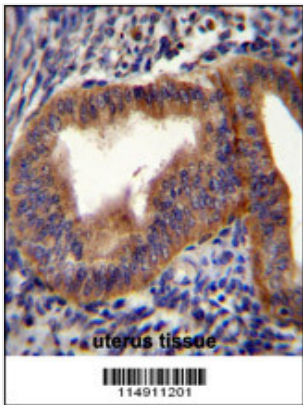
PRODUCT SYNONYMS

CCNB1; Polyclonal Antibody; CCNB1 Antibody (Center); G2/mitotic-specific cyclin-B1; CCNB; anti-CCNB1 antibody

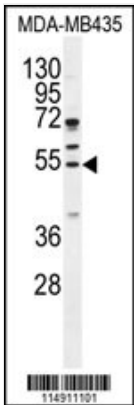
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human Predicted Reactivity: Bovine, Hamster, Mouse, Rat.
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CCNB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 241-268 amino acids from the Central region of human CCNB1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Sequence Positions	241-268
Sequence Length	433
Applicable Applications for anti-CCNB1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Essential for the control of the cell cycle at the G2/M (mitosis) transition.
Cellular Location	Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
CCNB1 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CCNB1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CCNB1 Antibody (Center) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the CCNB1 antibody detected the CCNB1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CCNB1 antibody	The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. [provided by RefSeq].
Product Categories/Family for anti-CCNB1 antibody	Cancer; Cell biology
References	Kreis, N.N., et al. Oncogene 29(41):5591-5603(2010) van Zon, W., et al. J. Cell Biol. 190(4):587-602(2010) Harley, M.E., et al. EMBO J. 29(14):2407-2420(2010) Olson, J.E., et al. Breast Cancer Res. Treat. (2010) In press : Nantajit, D., et al. PLoS ONE 5 (8), E12341 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	14327896
NCBI GeneID	891
NCBI Accession #	NP_114172.1
NCBI GenBank Nucleotide #	NM_031966.3
UniProt Accession #	P14635; Q5TZP9; A8K066
Molecular Weight	48337
NCBI Official Full Name	G2/mitotic-specific cyclin-B1
NCBI Official Synonym Full Names	cyclin B1
NCBI Official Symbol	CCNB1
NCBI Official Synonym Symbols	CCNB
NCBI Protein Information	G2/mitotic-specific cyclin-B1

UniProt Protein Name	G2/mitotic-specific cyclin-B1
UniProt Gene Name	CCNB1
UniProt Synonym Gene Names	CCNB
UniProt Entry Name	CCNB1_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/polyclonal/ccnb1-antibody-immunohistochemistry-western-blot-elisa/285884>