

Rabbit Cyclin B1 Polyclonal Antibody | anti-CCNB1 antibody

Anti-Cyclin B1 (pS147) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261343	Rabbit	Human, Mouse, Rat, Bovine, Monkey, Pig	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

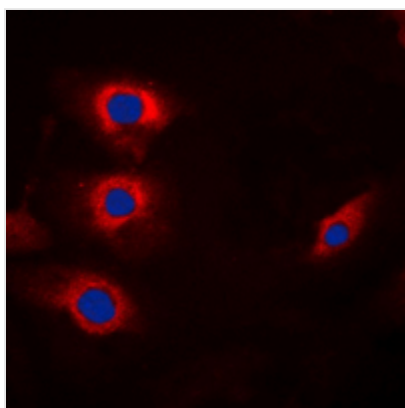
PRODUCT SYNONYMS

Cyclin B1; Polyclonal Antibody; Anti-Cyclin B1 (pS147) Phospho Antibody; CCNB; G2/mitotic-specific cyclin-B1; anti-CCNB1 antibody

PRODUCT SPECIFICATIONS

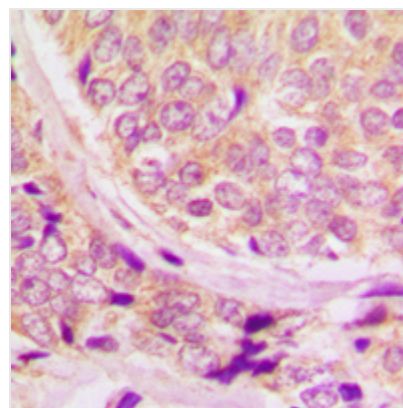
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Cyclin B1 (pS147) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	433
Applicable Applications for anti-CCNB1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cyclin B1. The exact sequence is proprietary.
Preparation and Storage	Shipped and store at 4 degree C for one year. Do not freeze.

IMAGES



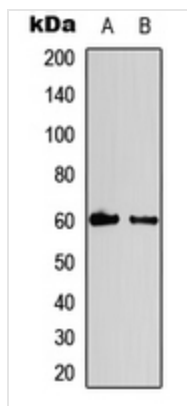
IF (Immunofluorescence)

Immunofluorescent analysis of Cyclin B1 (pS147) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Cyclin B1 (pS147) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Cyclin B1 (pS147) expression in MDA anisomycin-treated (A), HeLa UV-treated (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CCNB1 antibody

Rabbit polyclonal antibody to Cyclin B1 (pS147)

NCBI AND UNIPROT INFORMATION

NCBI GI #	116176
NCBI GeneID	891
UniProt Accession #	P14635; Q5TZP9; A8K066
Molecular Weight	44,102 Da
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/cyclin-b1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/261343>