

anti-Human, Mouse Cyclin B1 Antibody | anti-CCNB1 antibody

Cyclin B1 (Phospho-Ser147) Antibody

CATALOG # AAA111437	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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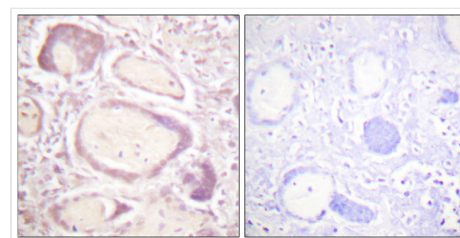
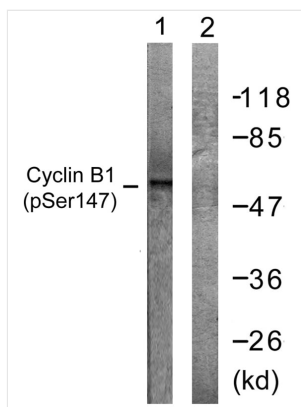
PRODUCT SYNONYMS

Cyclin B1; Cyclin B1 (Phospho-Ser147) Antibody; CCN-2; CCNB; CCNB1-RS1; CYCB; CYCB1; G2/mitotic-specific cyclin B1; anti-CCNB1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Cyclin B1 (Phospho-Ser147) antibody detects endogenous levels of Cyclin B1 only when phosphorylated at serine 147.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	433
Applicable Applications for anti-CCNB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Cyclin B1 around the phosphorylation site of serine 147 (A-F-SP-D-V).
All Sites	Human: Ser147 Mouse: Ser144
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human placenta tissue using Cyclin B1 (Phospho-Ser147) antibody. Western blot analysis of extracts from Jurkat cells, treated with UV (15mins), using Cyclin B1 (Phospho-Ser147) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CCNB1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Catherine A. Rugg, AACR Meeting Abstracts, Apr 2005; 2005: 1047. Jianping Gong, Cancer Res., Aug 1994; 54: 4285-4288. Lourdes A. Gomez, Mol. Cancer Ther., May 2007; 6: 1534-1543. Clare E. Davy, J. Virol., Apr 2005; 79: 3998-4011.

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	44,102 Da
NCBI Official Full Name	G2/mitotic-specific cyclin-B1 isoform 1
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

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/ccnb1-human-mouse-antibody/cyclin-b1/111437>