

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

Cyclin B1 (Phospho-Ser126) Antibody

CATALOG # AAA267350	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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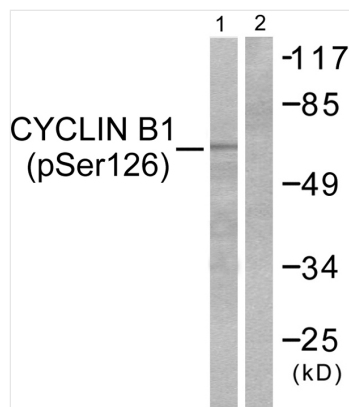
PRODUCT SYNONYMS

Cyclin B1; Cyclin B1 (Phospho-Ser126) Antibody; CCN-2; CCNB; CCNB1-RS1; CYCB; CYCB1; G2/mitotic-specific cyclin B1; anti-CCNB1 antibody

PRODUCT SPECIFICATIONS

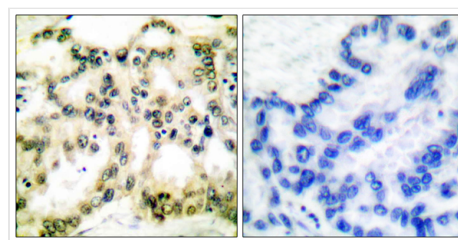
Reactivity	Human, Mouse
Specificity	Cyclin B1 (Phospho-Ser126) antibody detects endogenous levels of Cyclin B1 only when phosphorylated at serine 126.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide 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 126 (T-A-SP-P-S).
All Sites	Human: Ser126 Mouse: Ser123
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells, treated with EGF (200ng/ml, 15mins), using Cyclin B1 (Phospho-Ser126) antibody (#A0068).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Cyclin B1 (Phospho-Ser126) antibody (#A0068).

ADDITIONAL INFORMATION

References	Jing Yang, J. Biol. Chem., Jan 2001; 276: 3604-3609. Susan Walsh, Mol. Cancer Res., Feb 2003; 1: 280. Florian Bassermann, J. Biol. Chem., Mar 2007; 10.1074. Jianke Li, PNAS, Jan 1997; 94: 502.
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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://www.aaabiotech.com/ccnb1-human-mouse-antibody/cyclin-b1/267350>