

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

Cyclin B1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311923	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

Cyclin B1; Polyclonal Antibody; Cyclin B1 Antibody; CCNB 1 antibody; CCNB antibody; ccnb1 antibody; CCNB1_HUMAN antibody; Cyclin B1 antibody; G2 mitotic specific cyclin B1 antibody; G2/mitotic-specific cyclin-B1 antibody; anti-CCNB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Immunogen affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CCNB1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



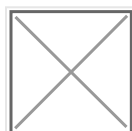
IF (Immunofluorescence)

Immunofluorescent staining of HeLa cells using anti- Cyclin B1 rabbit polyclonal antibody.



IF (Immunofluorescence)

Immunofluorescent staining of F9 cells using anti- Cyclin B1 rabbit polyclonal antibody.



WB (Western Blot)

Western blot analysis on 293 cell lysates using anti-Cyclin B1 rabbit polyclonal antibodies.

ADDITIONAL INFORMATION

Related Product Information for anti-CCNB1 antibody	Cyclins are a family of proteins that activate specific cyclin-dependent kinases required for progression through the cell cycle. The entry of all eukaryotic cells into mitosis is regulated by activation of cdc2/cdk1 at the G2/M transition. Cyclin B1 is essential for the control of the cell cycle at the G2/M (mitosis) transition. It interacts with the CDC2 protein kinase to form a serine/threonine kinase holoenzyme complex also known as maturation promoting factor (MPF). The cyclin subunit imparts substrate specificity to the complex. Four cyclin B1 phosphorylation sites (Ser126, 128, 133, and 147) are located in the cytoplasmic retention signal (CRS) domain and are thought to regulate the translocation of cyclin B1 to the nucleus at the G2/M checkpoint, promoting nuclear accumulation and initiation of mitosis.
Product Categories/Family for anti-CCNB1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14327896
NCBI GeneID	891
NCBI Accession #	NP_114172.1
NCBI GenBank Nucleotide #	NM_031966.3
UniProt Accession #	P14635
Molecular Weight	48,337 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; 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-flow-cytometry-immunohistochemistry-immunocytochemistry-western-blot-elisa/311923>