

Rabbit CCNB2 Polyclonal Antibody | anti-CCNB2 antibody

CCNB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327777	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

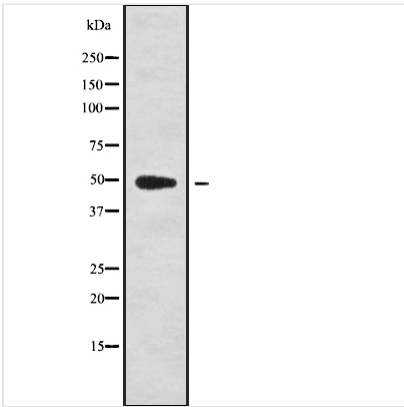
PRODUCT SYNONYMS

CCNB2; Polyclonal Antibody; CCNB2 Antibody; ccnb2; CCNB2_HUMAN; CycB2; Cyclin B2; G2 mitotic specific cyclin B2; G2/mitotic specific cyclin B2; G2/mitotic-specific cyclin-B2; HsT17299; MGC108931; MGC140694; anti-CCNB2 antibody

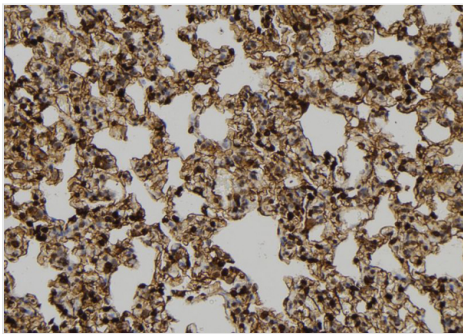
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CCNB2 antibody detects endogenous levels of total CCNB2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	398
Applicable Applications for anti-CCNB2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CCNB2
Tissue Specificity	Accumulates steadily during G2 and is abruptly destroyed at mitosis.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of CCNB2 using 293 whole cell lysates



IHC (Immunohistochemistry)
AAA327777 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CCNB2 antibody	Function: Essential for the control of the cell cycle at the G2/M (mitosis) transition. Subunit Structure: Interacts with the CDK1 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. Similarity: Belongs to the cyclin family. Cyclin AB subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4757930
NCBI GeneID	9133
NCBI Accession #	NP_004692.1
NCBI GenBank Nucleotide #	NM_004701.3
UniProt Accession #	O95067; Q6FI99; B3KM93
Molecular Weight	Observed: 45 kDa Predicted: 46 kDa
NCBI Official Full Name	G2/mitotic-specific cyclin-B2
NCBI Official Synonym Full Names	cyclin B2
NCBI Official Symbol	CCNB2
NCBI Official Synonym Symbols	HsT17299
NCBI Protein Information	G2/mitotic-specific cyclin-B2
UniProt Protein Name	G2/mitotic-specific cyclin-B2
UniProt Gene Name	CCNB2

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/ccnb2-antibody-immunohistochemistry-western-blot-elisa/327777>