

# Phospho-CCNB2(T359) Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP3840a

## Product Information

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Application	DB, E
Primary Accession	<a href="#">O95067</a>
Other Accession	<a href="#">NP_004692.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB42151
Calculated MW	45282

## Additional Information

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Gene ID	9133
Other Names	G2/mitotic-specific cyclin-B2, CCNB2
Target/Specificity	This CCNB2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding T359 of human CCNB2.
Dilution	DB~~1:500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Phospho-CCNB2(T359) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	CCNB2
Function	Essential for the control of the cell cycle at the G2/M (mitosis) transition.

## Background

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Cyclin B2 is a member of the cyclin family, specifically the B-type cyclins. The B-type cyclins, B1 and B2, associate with p34cdc2 and are essential components of the cell cycle regulatory machinery. B1 and B2 differ in their subcellular localization. Cyclin B1 co-localizes with microtubules, whereas cyclin B2 is primarily associated with the Golgi region. Cyclin B2 also binds to transforming growth factor beta RII and thus cyclin B2/cdc2 may play a key role in transforming growth factor beta-mediated cell cycle control.

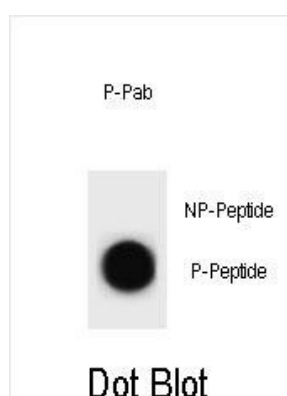
## References

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Haraguchi, T., et al. Fertil. Steril. 91 (4 SUPPL), 1424-1426 (2009) :  
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## Images

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Dot blot analysis of CCNB2 Antibody (Phospho T359)  
Phospho-specific Pab (Cat. #AP3840a) on nitrocellulose  
membrane. 50ng of Phospho-peptide or Non  
Phospho-peptide per dot were adsorbed. Antibody  
working concentrations are 0.6ug per ml.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.