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Phospho-CCNB2(S11) Antibody
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3883a

Specification

Phospho-CCNB2(S11) Antibody - Product Information

Application	**DB,E**
Primary Accession	O95067
Other Accession	Q4R7A8, NP_004692.1
Reactivity	**Human**
Predicted	**Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**45282**

Phospho-CCNB2(S11) Antibody - Additional Information

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 S11 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(S11) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Phospho-CCNB2(S11) Antibody - Protein Information

Name CCNB2

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

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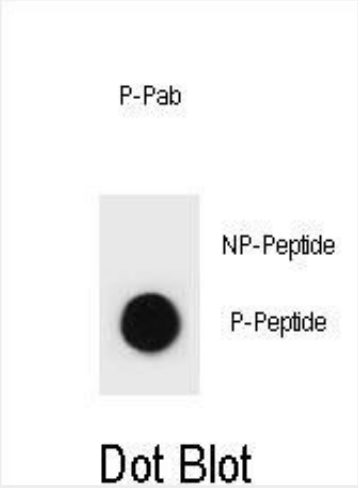
Phospho-CCNB2(S11) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Phospho-CCNB2(S11) Antibody - Images



Dot blot analysis of CCNB2 Antibody (Phospho S11) Phospho-specific Pab (Cat. #AP3883a) on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.6ug per ml.

Phospho-CCNB2(S11) Antibody - Background

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.

Phospho-CCNB2(S11) Antibody - References

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