10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Phospho-CCNB2(T359) Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP3840a

Product Information

Application	DB, E
Primary Accession	O95067
Other Accession	NP_004692.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB42151

Additional Information

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

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.

References

Cunningham, J.M., et al. Br. J. Cancer 101(8):1461-1468(2009)
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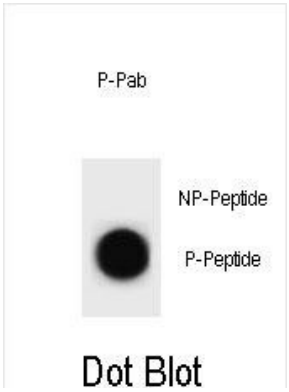
De Martino, I., et al. Cancer Res. 69(5):1844-1850(2009)
Bellanger, S., et al. Oncogene 26(51):7175-7184(2007)
Stav, D., et al. Int. J. Biol. Markers 22(2):108-113(2007)

Images



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.