

## CCNB2 Polyclonal Antibody

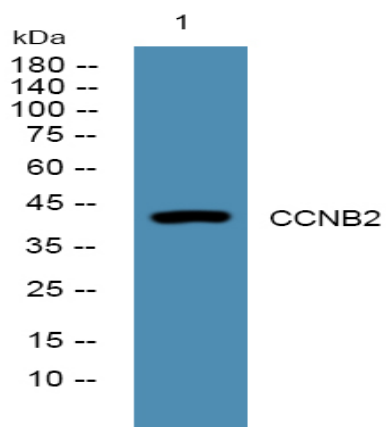
<b>Catalog No :</b>	YN0293
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	CCNB2
<b>Fields :</b>	>>FoxO signaling pathway;>>Cell cycle;>>Oocyte meiosis;>>p53 signaling pathway;>>Cellular senescence;>>Progesterone-mediated oocyte maturation;>>Human T-cell leukemia virus 1 infection;>>Human immunodeficiency virus 1 infection
<b>Gene Name :</b>	CCNB2
<b>Protein Name :</b>	G2/mitotic-specific cyclin-B2
<b>Human Gene Id :</b>	9133
<b>Human Swiss Prot No :</b>	O95067
<b>Mouse Swiss Prot No :</b>	P30276
<b>Immunogen :</b>	Synthesized peptide derived from human protein . at AA range: 60-140
<b>Specificity :</b>	CCNB2 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

---

<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	43kD
<b>Cell Pathway :</b>	Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;Oocyte meiosis;p53;Progesterone-mediated oocyte maturation;
<b>Background :</b>	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. [provided by RefSeq, Jul 2008],
<b>Function :</b>	developmental stage:Accumulates steadily during G2 and is abruptly destroyed at mitosis.,function:Essential for the control of the cell cycle at the G2/M (mitosis) transition.,similarity:Belongs to the cyclin family.,similarity:Belongs to the cyclin family. Cyclin AB subfamily.,subunit: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.,
<b>Subcellular Location :</b>	nucleus,nucleoplasm,centrosome,cytosol,cell-cell adherens junction,microtubule cytoskeleton,membrane,
<b>Expression :</b>	Brain,Coronary artery,Testis,
<b>Sort :</b>	18296
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

---

## Products Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night