



# HEI10 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-01769
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	CCNB1IP1
<b>Protein Name</b>	E3 ubiquitin-protein ligase CCNB1IP1
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CCNB1IP1. AA range:201-250
<b>Specificity</b>	HEI10 Polyclonal Antibody detects endogenous levels of HEI10 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CCNB1IP1; C14orf18; HEI10; E3 ubiquitin-protein ligase CCNB1IP1; Cyclin-B1-interacting protein 1; Human enhancer of invasion 10
<b>Observed Band</b>	32kD
<b>Cell Pathway</b>	Nucleus. Chromosome. Associates to the synaptonemal complex.
<b>Tissue Specificity</b>	Highly expressed in heart. Detected at intermediate levels in liver and kidney, and at low levels in placenta, brain and lung.
<b>Function</b>	function:E3 ubiquitin-protein ligase. Modulates cyclin B levels and participates in the regulation of cell cycle progression through the G2 phase. Overexpression causes delayed entry into mitosis.,pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated by CDC2 on serine or threonine residues (in vitro).,PTM:Ubiquitinated; autoubiquitinated.,similarity:Contains 1 RING-type zinc finger.,subcellular location:May associate with segregating chromosomes during metaphase and anaphase.,subunit:Binds CCNB1 and UBE2L3.,tissue specificity:Highly expressed in heart. Detected at intermediate levels in liver and kidney, and at low levels in placenta, brain and lung.,
<b>Background</b>	HEI10 is a member of the E3 ubiquitin ligase family and functions in progression of the cell cycle through G(2)/M.[supplied by OMIM, Apr 2004],



### matters needing attention

Avoid repeated freezing and thawing!

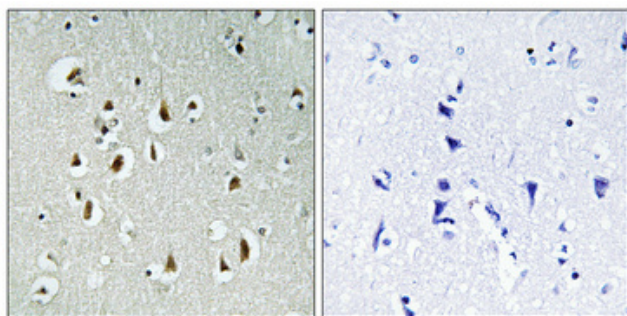
### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

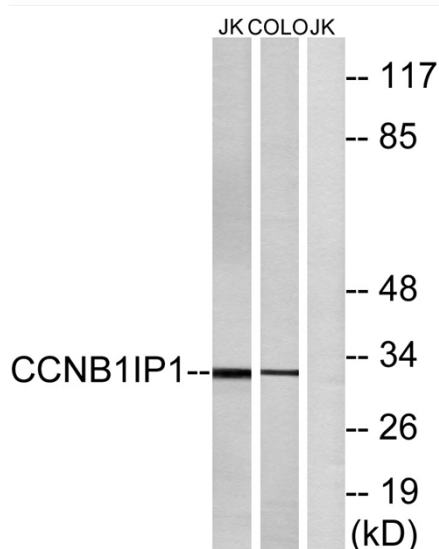
## Products Images



Western Blot analysis of various cells using HEI10 Polyclonal Antibody diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4° overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western blot analysis of lysates from Jurkat and COLO cells, using CCNB1IP1 Antibody. The lane on the right is blocked with the synthesized peptide.