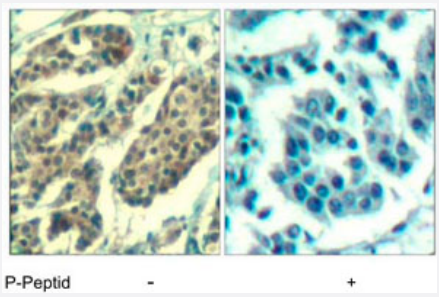
CCNB1 (phospho S147) polyclonal antibody

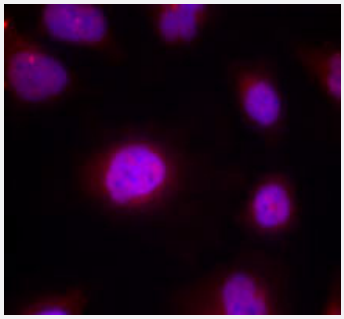
Catalog # PAB25912 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CCNB1 (phospho S147) polyclonal antibody (Cat # PAB25912).



Immunofluorescence

Immunofluorescence staining of methanol-fixed HeLa cells using CCNB1 (phospho S147) polyclonal antibody (Cat # PAB25912, red).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of CCNB1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S147 of human CCNB1.
Sequence	A-F-SP-D-V
Host	Rabbit
Theoretical MW (kDa)	60
Reactivity	Human
Form	Liquid

Purification	Affinity chromatography
Concentration	1 mg/mL
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunofluorescence (1:100-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CCNB1 (phospho S147) polyclonal antibody (Cat # PAB25912).

- Immunofluorescence

  Immunofluorescence staining of methanol-fixed HeLa cells using CCNB1 (phospho S147) polyclonal antibody (Cat # PAB25912, red).

Gene Info — CCNB1

Entrez GeneID	891
Protein Accession#	P14635
Gene Name	CCNB1
Gene Alias	CCNB
Gene Description	cyclin B1
Omim ID	123836
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product co mplexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcript s have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that i s expressed predominantly during G2/M phase. The different transcripts result from the use of alte rnate transcription initiation sites. [provided by RefSeq
Other Designations	G2/mitotic-specific cyclin B1

Pathway

- Cell cycle
- p53 signaling pathway

Disease

- Adenocarcinoma
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Ovarian Neoplasms