ELK Biotechnology

Cyclin B1 (phospho Ser147) rabbit pAb

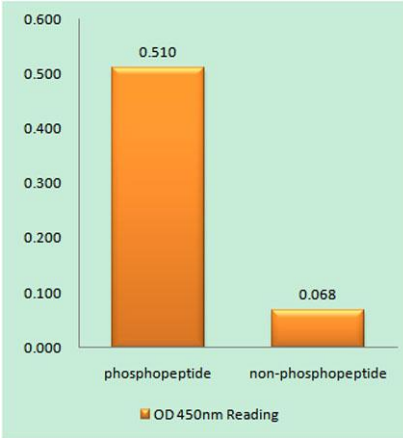
Cat No.:ES7906

For research use only

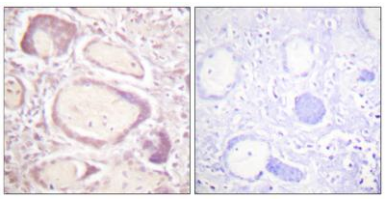
Overview

Product Name	Cyclin B1 (phospho Ser147) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Cyclin B1 around the phosphorylation site of Ser147. AA range:121-170
Specificity	Phospho-Cyclin B1 (S147) Polyclonal Antibody detects endogenous levels of Cyclin B1 protein only when phosphorylated at S147.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	G2/mitotic-specific cyclin-B1
Gene Name	CCNB1
Cellular localization	Cytoplasm. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	60kD
Human Gene ID	891
Human Swiss-Prot Number	P14635
Alternative Names	CCNB1; CCNB; G2/mitotic-specific cyclin-B1
Background	The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative

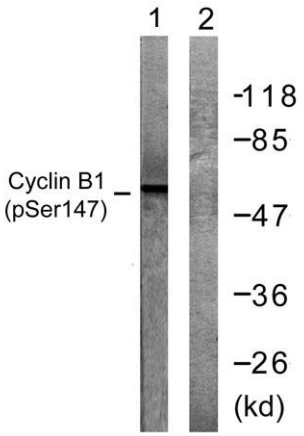
transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase. The different transcripts result from the use of alternate transcription initiation sites. [provided by RefSeq, Jul 2008],



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Cyclin B1 (Phospho-Ser147) Antibody



Immunohistochemistry analysis of paraffin-embedded human placenta, using Cyclin B1 (Phospho-Ser147) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from Jurkat cells treated with UV 15', using Cyclin B1 (Phospho-Ser147) Antibody. The lane on the right is blocked with the phospho peptide.

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