

## Product datasheet for **TA322150**

### Cyclin B1 (CCNB1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Jurkat, 231 and Hela cells
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 61-74 amino acids of Human cyclin B1
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	48 kDa
Gene Name:	cyclin B1
Database Link:	<a href="#">NP_114172</a> <a href="#">Entrez Gene 891 Human P14635</a>
Background:	G2/mitotic-specific cyclin-B1 is a protein that in humans is encoded by the CCNB1 gene. 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.
Synonyms:	CCNB

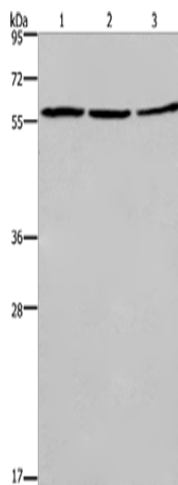


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**Protein Families:** Druggable Genome, Stem cell - Pluripotency

**Protein Pathways:** Cell cycle, Oocyte meiosis, p53 signaling pathway, Progesterone-mediated oocyte maturation

**Product images:**



Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane 1-3: Jurkat cells

231 cells

HeLa cells

Primary antibody: TA322150 (CCNB1 Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds