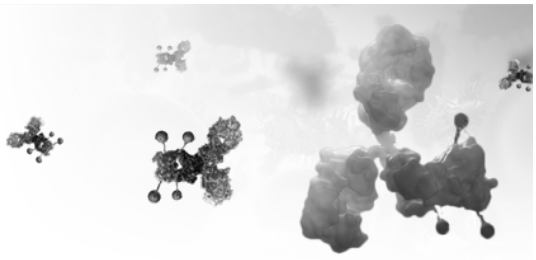

Anti-CCNE1 (full length) polyclonal antibody (CPBT-67604RC)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product detects cyclin E, a nuclear protein which is the regulatory subunit of cyclin dependent kinase 2 (Cdk2), and controls S phase entry in cells. Cyclin E follows a cyclic pattern of expression during the cell cycle, with highest expression at the G1-S boundary. Although cyclin E has an important physiological role in normal cell division, recent reports suggest this function is redundant, and its key functions occur as cells exit quiescence, and in endoreduplication. Cyclin E is tightly regulated during normal cell cycles, but is often deregulated in carcinomas, lymphoma, and leukaemia. Western Blotting detects a band of approximately 45kDa in from human, rat and mouse tissue.
Specificity	CCNE1
Immunogen	Full length synthetic polypeptide corresponding to the human gene sequence of cyclin E.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	ELISA; IP; WB
Format	Serum - liquid
Size	50 µl
Preservative	0.01% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a

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precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CCNE1 cyclin E1 [Homo sapiens (human)]
Official Symbol	CCNE1
Synonyms	CCNE1; cyclin E1; CCNE; G1/S-specific cyclin-E1; cyclin Es; cyclin Et; cyclin E variant ex5del; cyclin E variant ex7del;
Entrez Gene ID	898
Protein Refseq	NP_001229
UniProt ID	P24864
Chromosome Location	19q12
Pathway	Androgen receptor signaling pathway; B Cell Receptor Signaling Pathway; BARD1 signaling events; Cell Cycle; Cell Cycle Checkpoints; Cell Cycle, Mitotic; Cell cycle; Cell cycle - G1/S transition;
Function	androgen receptor binding; cyclin-dependent protein serine/threonine kinase regulator activity; kinase activity; protein binding; protein kinase binding; transcription coactivator activity;

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