

For Research Use Only

CCNE2 Polyclonal antibody

Catalog Number: 30768-1-AP



Basic Information

Catalog Number: 30768-1-AP	GenBank Accession Number: BC020729	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 9134	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: cyclin E2	
Isotype: IgG	Calculated MW: 374 aa, 44 kDa	
Immunogen Catalog Number: AG26029	Observed MW: 44 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells, NIH/3T3 cells, mouse testis tissue, rat testis tissue
Species Specificity: Human, mouse, rat	

Background Information

Cyclin E2 (CCNE2) belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance throughout the cell cycle. Cyclins function as regulators of cyclin-dependent kinases (CDKs). Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of cell cycle events. CCNE2 forms a complex with and functions as a regulatory subunit of CDK2 and has been shown to specifically interact with CIP/KIP family of CDK inhibitors. CCNE2 plays a role in cell cycle G1/S transition and its expression peaks at the G1-S phase. Whereas cyclin E1 is expressed in most proliferating normal and tumor cells, cyclin E2 levels are low or undetectable in nontransformed cells, and are elevated in tumor-derived cells.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

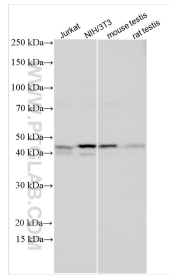
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30768-1-AP (CCNE2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.