

For Research Use Only

CCNE2 Polyclonal antibody

Catalog Number: 30768-1-AP



Basic Information

Catalog Number:

30768-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26029

GenBank Accession Number:

BC020729

GeneID (NCBI):

9134

UNIPROT ID:

O96020

Full Name:

cyclin E2

Calculated MW:

374 aa, 44 kDa

Observed MW:

44 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : Jurkat cells, NIH/3T3 cells, mouse testis tissue, rat testis tissue

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

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

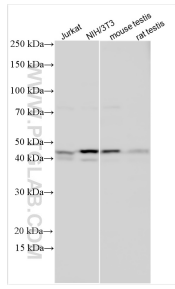
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.