CCND2 Antibody

PACO17765

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:10000, WB:1:200-1:1000, IHC:1:25-1:100

Protein Background:

The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK4 or CDK6, whose activity is required for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suY0ressor protein Rb. Knockout studies of the homologous gene in mouse suggest the essential roles of this gene in ovarian granulosa and germ cell proliferation. High level expression of this gene was observed in ovarian and testicular tumors.

Gene ID:

CCND2

Uniprot

P30279

Synonyms:

cyclin D2

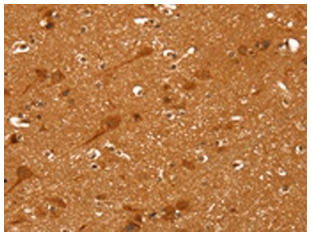
Immunogen:

Synthetic peptide of human CCND2.

Storage:

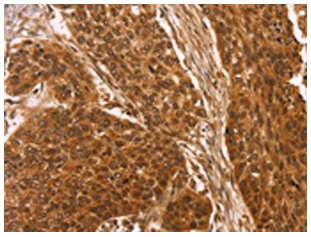
-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO17765(CCND2 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x—200).

Gel: 10%SDS-PAGE, Lysate: 30 μ g, Lane: 231 cells, Primary antibody: PACO17765(CCND2 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 minutes.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PACO17765(CCND2 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x—200).

