

CCND1 Antibody

Catalog No: #31064

Package Size: #31064-1 50ul #31064-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	CCND1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total CCND1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	CCND1
Other Names	cyclin D1, BCL1, PRAD1, U21B31, D11S287E
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

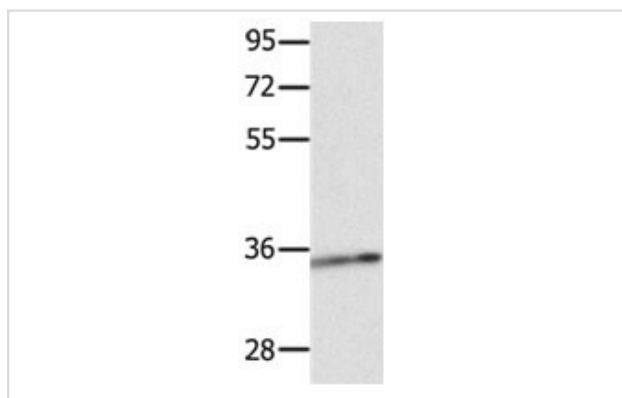
Predicted MW: 34kd

ELISA: 1:1000-1:2000

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



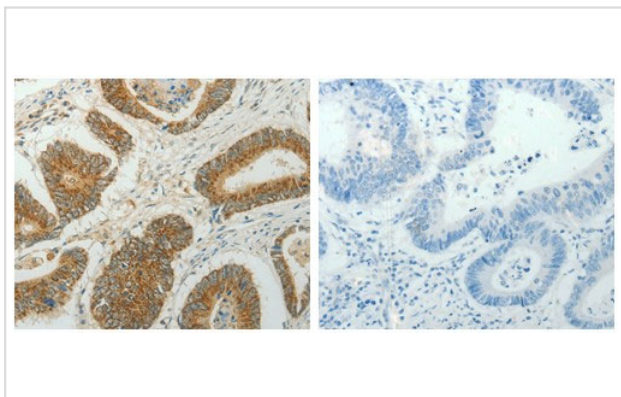
Gel: 10%SDS-PAGE

Lysate: 40 µg Hela cell lysate

Primary antibody: 1/400 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Exposure time: 5 minutes



The image on the left is immunohistochemistry of paraffin-embedded human colon cancer tissue using 31064(CCND1 Antibody) at dilution 1/50, on the right is treated with the fusion 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 throughout 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 tumor suppressor protein Rb and the expression of this gene is regulated positively by Rb. Mutations, amplification and overexpression of this gene, which alters cell cycle progression, are observed frequently in a variety of tumors and may contribute to tumorigenesis.?

Note: This product is for in vitro research use only