

Datasheet for ABIN2463678
anti-Cyclin D3 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Cyclin D3 (CCND3)
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cyclin D3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human CCND3.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	Cyclin D3 (CCND3)
Alternative Name:	CCND3 (CCND3 Products)
Background:	CCND3 encodes a protein that 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

Target Details

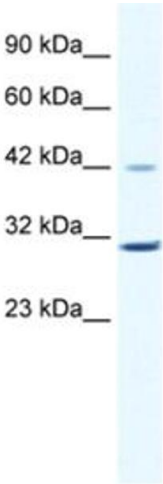
	activity is required for cell cycle G1/S transition. This protein has been shown to interact with and be involved in the phosphorylation of tumor suppressor protein Rb. The CDK4 activity associated with this cyclin was reported to be necessary for cell cycle progression through G2 phase into mitosis after UV radiation.
Molecular Weight:	33 kDa
Gene ID:	896
NCBI Accession:	NP_001751
UniProt:	P30281
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases , Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	CCND3 antibody can be used for detection of CCND3 by ELISA at 1:62500. CCND3 antibody can be used for detection of CCND3 by western blot at 0.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store CCND3 antibody at -20 °C.



Western Blotting

Image 1.