

Datasheet for ABIN926905
anti-Cyclin D3 antibody (C-Term)



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Overview

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

Product Details

Immunogen:	CCND3 antibody was raised in rabbit using the C terminal of CCND3 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Dog (Canine), Cow (Bovine), Pig (Porcine), Chicken
Purification:	Purified

Target Details

Target:	Cyclin D3 (CCND3)
Alternative Name:	CCND3
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

Target Details

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 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. Synonyms: Polyclonal CCND3 antibody, Anti-CCND3 antibody, cyclin D3 antibody.

Pathways: [Cell Division Cycle](#), [Mitotic G1-G1/S Phases](#), [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	CCND3 Blocking Peptide, , is also available for use as a blocking control in assays to test for specificity of this CCND3 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.