

产品名称: Cyclin D3 (phospho Thr283) Rabbit Polyclonal Antibody
产品货号: APRab04523



产品概述 (Summary)

产品名称 (Production Name)	Cyclin D3 (phospho Thr283) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CCND3
别名 (Alternative Names)	CCND3; G1/S-specific cyclin-D3
基因 ID (Gene ID)	896.0
蛋白 ID (SwissProt ID)	P30281.The antiserum was produced against synthesized peptide derived from human Cyclin D3 around the phosphorylation site of Thr283. AA range:243-292

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	32kDa

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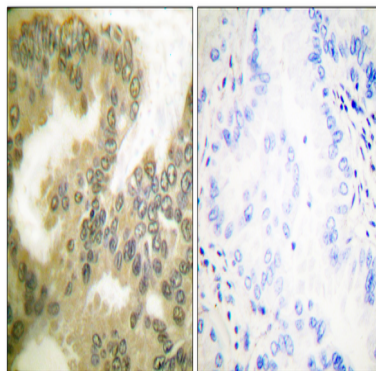
研究背景 (Background)

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 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. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008],function:Essential for the control of the cell cycle at the G1/S (start) transition. Potentiates the transcriptional activity of ATF5.,similarity:Belongs to the cyclin family.,similarity:Belongs to the cyclin family. Cyclin D subfamily.,subunit:Interacts with the CDK4 and CDK6 protein kinases to form a serine/threonine kinase holoenzyme complex. The cyclin subunit imparts substrate specificity to the complex. Interacts with ATF5. Interacts with EIF3K.,

研究领域 (Research Area)

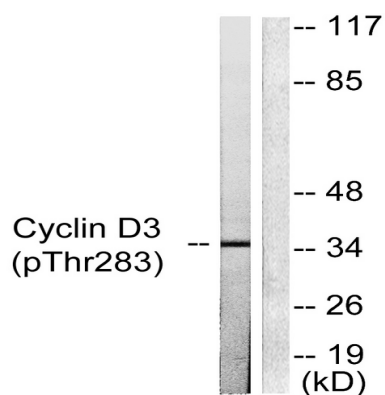
Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;p53;WNT;WNT-T CELLFocal adhesion;Jak_STAT;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using Cyclin D3 (Phospho-Thr283) Antibody. The picture on the right is blocked with the phospho peptide.

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Western blot analysis of lysates from K562 cells treated with UV 5', using Cyclin D3 (Phospho-Thr283) Antibody. The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only.