

产品名称: Cdc6 (phospho Ser54) Rabbit Polyclonal Antibody
产品货号: AP Rab04427



产品概述 (Summary)

产品名称 (Production Name)	Cdc6 (phospho Ser54) 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,Monkey

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)	CDC6
别名 (Alternative Names)	CDC6; CDC18L; Cell division control protein 6 homolog; CDC6-related protein; Cdc18-related protein; HsCdc18; p62(cdc6); HsCDC6
基因 ID (Gene ID)	990.0
蛋白 ID (SwissProt ID)	Q99741.The antiserum was produced against synthesized peptide derived from human CDC6 around the phosphorylation site of Ser54. AA range:20-69

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)	62kDa

产品名称: Cdc6 (phospho Ser54) Rabbit Polyclonal Antibody
产品货号: AP Rab04427



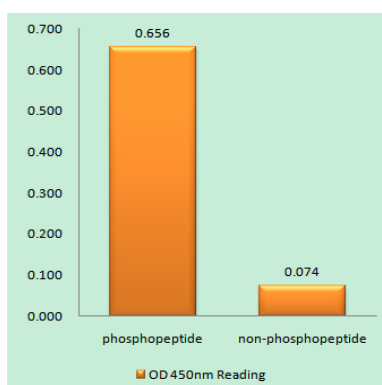
研究背景 (Background)

The protein encoded by this gene is highly similar to *Saccharomyces cerevisiae* Cdc6, a protein essential for the initiation of DNA replication. This protein functions as a regulator at the early steps of DNA replication. It localizes in cell nucleus during cell cycle G1, but translocates to the cytoplasm at the start of S phase. The subcellular translocation of this protein during cell cycle is regulated through its phosphorylation by Cdks. Transcription of this protein was reported to be regulated in response to mitogenic signals through transcriptional control mechanism involving E2F proteins. [provided by RefSeq, Jul 2008],function:Involved in the initiation of DNA replication. Also participates in checkpoint controls that ensure DNA replication is completed before mitosis is initiated.,similarity:Belongs to the CDC6/cdc18 family.,subcellular location:The protein is nuclear in G1 and cytoplasmic in S-phase cells.,subunit:Interacts with PCNA, ORC1L, cyclin-CDK and HUWE1.,

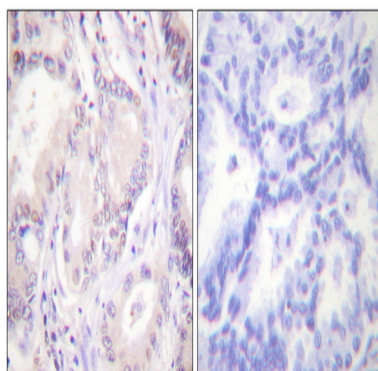
研究领域 (Research Area)

Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;

图片 (Image Data)

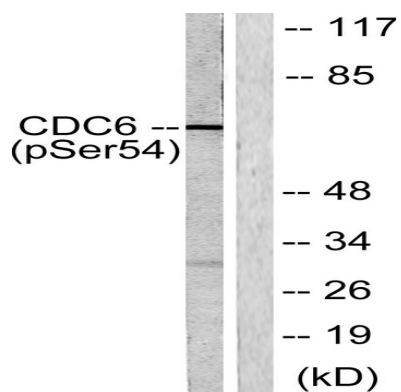


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using CDC6 (Phospho-Ser54) Antibody



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using CDC6 (Phospho-Ser54) Antibody. The picture on the right is blocked with the phospho peptide.

产品名称: Cdc6 (phospho Ser54) Rabbit Polyclonal Antibody
产品货号: APRab04427



Western blot analysis of lysates from COS7 cells treated with EGF 200ng/ml 30', using CDC6 (Phospho-Ser54) Antibody.
The lane on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .