

产品名称: Cdc7 Rabbit Polyclonal Antibody
产品货号: APRab08531



产品概述 (Summary)

产品名称 (Production Name)	Cdc7 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,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
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)	CDC7
别名 (Alternative Names)	CDC7; CDC7L1; Cell division cycle 7-related protein kinase; CDC7-related kinase; HsCdc7; huCdc7
基因 ID (Gene ID)	8317.0
蛋白 ID (SwissProt ID)	O00311.The antiserum was produced against synthesized peptide derived from human CDC7. AA range:1-50

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)	70kDa

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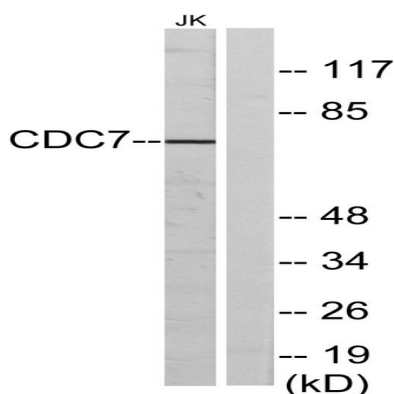
研究背景 (Background)

This gene encodes a cell division cycle protein with kinase activity that is critical for the G1/S transition. The yeast homolog is also essential for initiation of DNA replication as cell division occurs. Overexpression of this gene product may be associated with neoplastic transformation for some tumors. Multiple alternatively spliced transcript variants that encode the same protein have been detected. [provided by RefSeq, Aug 2008], alternative products: A number of isoforms may be produced, catalytic activity: ATP + a protein = ADP + a phosphoprotein., cofactor: Magnesium., function: Seems to phosphorylate critical substrates that regulate the G1/S phase transition and/or DNA replication. Can phosphorylates MCM2 and MCM3., similarity: Belongs to the protein kinase superfamily., similarity: Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. CDC7 subfamily., similarity: Contains 1 protein kinase domain., subunit: Forms a complex with either DBF4/DBF4A or DBF4B, leading to the activation of the kinase activity.,

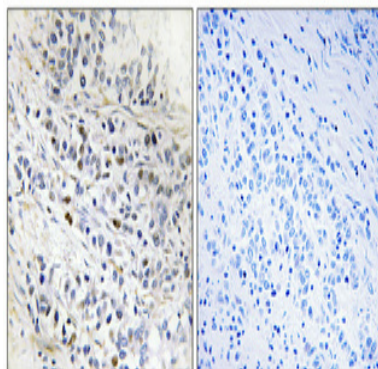
研究领域 (Research Area)

Cell_Cycle_G1S; Cell_Cycle_G2M_DNA;

图片 (Image Data)



Western blot analysis of lysates from Jurkat cells, using CDC7 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100 (4°, overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from

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antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .