

产品名称: CDC7 (17K15) Rabbit Monoclonal Antibody
产品货号: AMRe08530



产品概述 (Summary)

产品名称 (Production Name)	CDC7 (17K15) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,FC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CDC7
别名 (Alternative Names)	Cell division cycle 7-related protein kinase, EC 2.7.11.1, CDC7-related kinase, HsCdc7, huCdc7, CDC7, CDC7L1; Hsk1 ; CDC7 kinase
基因 ID (Gene ID)	8317.0
蛋白 ID (SwissProt ID)	O00311.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,FC 1:20-1:100
蛋白分子量 (Molecular Weight)	64kDa

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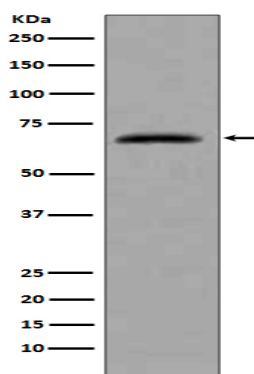
研究背景 (Background)

DNA replication in eukaryotic cells is dependent on the phosphorylation of the pre-replicative complex (preRC) at the origin of replication. Two complexes of proteins mediate this event, the cyclin dependent kinase (CDK) complex, and the Cdc7 kinase-ASK complex. Human Cdc7 kinase consists of 574 amino acids with a molecular weight of 55 kDa. The activity of Cdc7 kinase oscillates during cell cycle. The major targets of Cdc7 kinase are proteins that belong to the MCM complex (mini chromosome maintenance proteins). Seems to phosphorylate critical substrates that regulate the G1/S phase transition and/or DNA replication. Can phosphorylate MCM2 and MCM3.

研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot analysis of extracts from HeLa cells, using CDC7 antibody.

注意事项 (Note)

For research use only .