

产品名称: Cdc27 Rabbit Polyclonal Antibody
产品货号: AP Rab08510



产品概述 (Summary)

产品名称 (Production Name)	Cdc27 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)	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)	CDC27 CDC27; ANAPC3; D0S1430E; D17S978E; Cell division cycle protein 27
别名 (Alternative Names)	homolog; Anaphase-promoting complex subunit 3; APC3; CDC27 homolog; CDC27Hs; H-NUC
基因 ID (Gene ID)	996.0
蛋白 ID (SwissProt ID)	P30260.The antiserum was produced against synthesized peptide derived from human H-NUC. AA range:361-410

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)	92kDa

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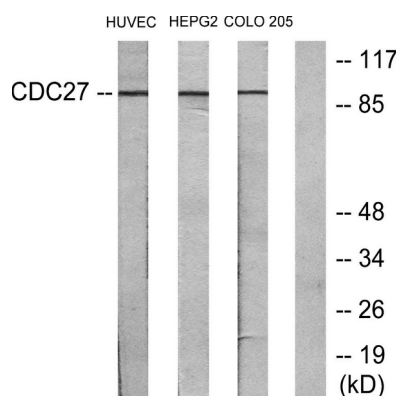
研究背景 (Background)

The protein encoded by this gene shares strong similarity with *Saccharomyces cerevisiae* protein Cdc27, and the gene product of *Schizosaccharomyces pombe* nuc 2. This protein is a component of the anaphase-promoting complex (APC), which is composed of eight protein subunits and is highly conserved in eukaryotic cells. This complex catalyzes the formation of cyclin B-ubiquitin conjugate, which is responsible for the ubiquitin-mediated proteolysis of B-type cyclins. The protein encoded by this gene and three other members of the APC complex contain tetratricopeptide (TPR) repeats, which are important for protein-protein interactions. This protein was shown to interact with mitotic checkpoint proteins including Mad2, p55CDC and BUBR1, and it may thus be involved in controlling the timing of mitosis. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified. Phosphorylation on Ser-426 and Thr-446 occurs specifically during mitosis. Similarity: Belongs to the APC3/CDC27 family. Contains 9 TPR repeats. Subunit: Interacts with RB.

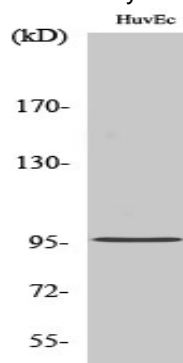
研究领域 (Research Area)

Cell Cycle G1S; Cell Cycle G2M DNA; Oocyte meiosis; Ubiquitin mediated proteolysis; Progesterone-mediated oocyte maturation;

图片 (Image Data)



Western blot analysis of lysates from HUVEC, HepG2, and COLO205 cells, using H-NUC Antibody. The lane on the right is blocked with the synthesized peptide.



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Western Blot analysis of various cells using Cdc27 Polyclonal Antibody

注意事项 (Note)

For research use only .