

产品名称: POLR3A Rabbit Polyclonal Antibody
产品货号: AP Rab16358



产品概述 (Summary)

产品名称 (Production Name)	POLR3A 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)	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)	POLR3A POLR3A; DNA-directed RNA polymerase III subunit RPC1; RNA polymerase III subunit C1; DNA-directed RNA polymerase III largest subunit; DNA-directed RNA polymerase III subunit A; RNA polymerase III 155 kDa subunit; RPC155; RNA polymerase III
别名 (Alternative Names)	
基因 ID (Gene ID)	11128.0
蛋白 ID (SwissProt ID)	O14802.The antiserum was produced against synthesized peptide derived from human RPC1. AA range:31-80

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 1:20000-1:40000
----------------------	---

产品名称: POLR3A Rabbit Polyclonal Antibody
产品货号: APRab16358



蛋白分子量 (Molecular Weight) 156kDa

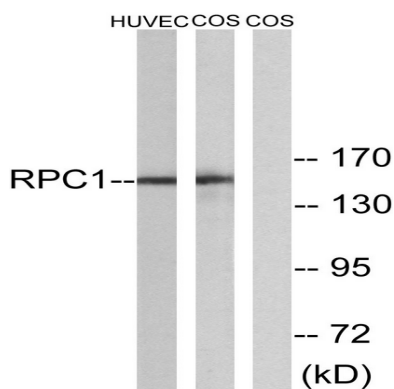
研究背景 (Background)

The protein encoded by this gene is the catalytic component of RNA polymerase III, which synthesizes small RNAs. The encoded protein also acts as a sensor to detect foreign DNA and trigger an innate immune response. [provided by RefSeq, Aug 2011],catalytic activity:Nucleoside triphosphate + RNA(n) = diphosphate + RNA(n+1),.function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Largest and catalytic core component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Forms the polymerase active center together with the second largest subunit. A single stranded DNA template strand of the promoter is positioned within the central active site cleft of Pol III. A bridging helix emanates from RPC1 and crosses the cleft near the catalytic site and is thought to promote translocation of Pol III by acting as a ratchet that moves the RNA-DNA hybrid through the active site by switching from straight to bent conformations at each step of nucleotide addition.,similarity:Belongs to the RNA polymerase beta' chain family.,subunit:Component of the RNA polymerase III (Pol III) complex consisting of 17 subunits.,

研究领域 (Research Area)

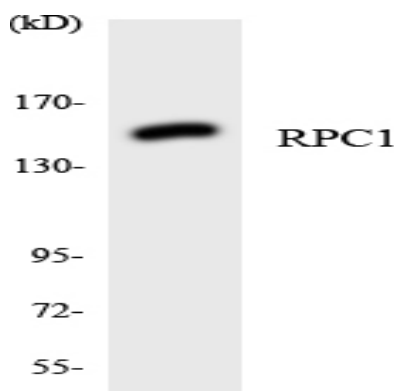
Purine metabolism;Pyrimidine metabolism;RNA polymerase;Cytosolic DNA-sensing pathway;

图片 (Image Data)

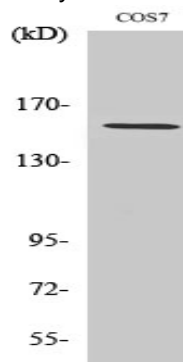


Western blot analysis of lysates from COS and HUVEC cells, using RPC1 Antibody. The lane on the right is blocked with the synthesized peptide.

产品名称: POLR3A Rabbit Polyclonal Antibody
产品货号: APRab16358



Western blot analysis of the lysates from 293 cells using RPC1 antibody.



Western Blot analysis of various cells using POLR3A Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

注意事项 (Note)

For research use only .