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CPSF4 Rabbit pAb

货号: AYP20143

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:1000 - 1:2000
理论分子量	27kDa/30kDa
实测分子量	30kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,Jurkat,22Rv1
细胞定位	Nucleus
纯化	Affinity purification

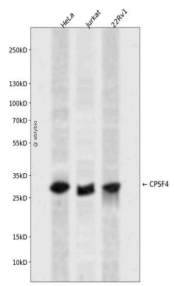
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-244 of human CPSF4 (NP_001075028.1).

靶点信息

研究背景	Inhibition of the nuclear export of poly(A)-containing mRNAs caused by the influenza A virus NS1 protein requires its effector domain. The NS1 effector domain functionally interacts with the cellular 30 kDa subu nit of cleavage and polyadenylation specific factor 4, an essential component of the 3' end processing ma chinery of cellular pre-mRNAs. In influenza virus-infected cells, the NS1 protein is physically associated wi th cleavage and polyadenylation specific factor 4, 30kD subunit. Binding of the NS1 protein to the 30 kDa protein in vitro prevents CPSF binding to the RNA substrate and inhibits 3' end cleavage and polyadenylat ion of host pre-mRNAs. Thus the NS1 protein selectively inhibits the nuclear export of cellular, and not vir al, mRNAs. Multiple alternatively spliced transcript variants that encode different isoforms have been des cribed for this gene.
基因ID	10898
基因名	CPSF4
Swiss	O95639 (https://www.uniprot.org/uniprotkb/O95639/entry)
别名	CPSF4,CPSF30,NAR,NEB-1,NEB1,CPSF4 Rabbit pAb,Cleavage and polyadenylation specificity factor 30 kD a subunit,NS1 effector domain-binding protein 1,No arches homolog

产品验证



Western blot analysis of CPSF4 expressed in HeLa,Jurkat,22Rv1 using CPSF4 Rabbit pAb at 1:1000. Secon dary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffe r: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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