

产品名称: Ribosomal Protein S3 Rabbit Polyclonal Antibody
产品货号: APRab17185



产品概述 (Summary)

产品名称 (Production Name)	Ribosomal Protein S3 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)	RPS3
别名 (Alternative Names)	RPS3; OK/SW-cl.26; 40S ribosomal protein S3
基因 ID (Gene ID)	6188.0
蛋白 ID (SwissProt ID)	P23396.The antiserum was produced against synthesized peptide derived from human RPS3. AA range:171-220

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
蛋白分子量 (Molecular Weight)	30kDa

研究背景 (Background)

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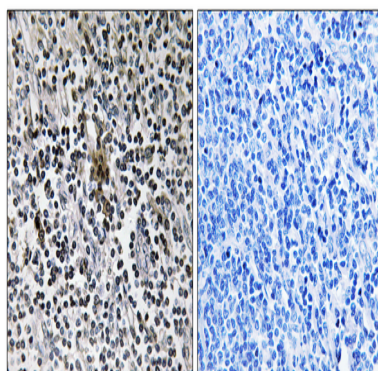


Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit, where it forms part of the domain where translation is initiated. The protein belongs to the S3P family of ribosomal proteins. Studies of the mouse and rat proteins have demonstrated that the protein has an extraribosomal role as an endonuclease involved in the repair of UV-induced DNA damage. The protein appears to be located in both the cytoplasm and nucleus but not in the nucleolus. Higher levels of expression of this gene in colon adenocarcinomas and adenomatous polyps compared to adjacent normal colonic mucosa have been observed. This gene is co-transcribed with the small nucleolar RNA genes U15A and similarity: Belongs to the ribosomal protein S3P family, similarity: Contains 1 KH type-2 domain.,

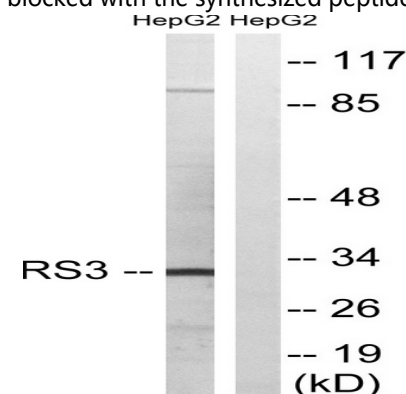
研究领域 (Research Area)

Ribosome;

图片 (Image Data)

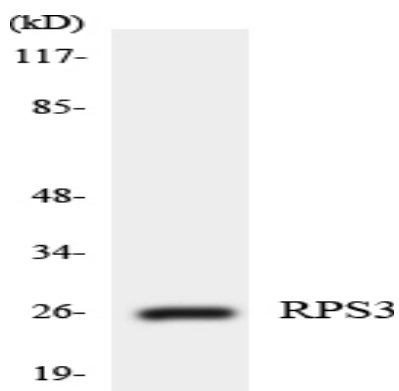


Immunohistochemistry analysis of paraffin-embedded human tonsil tissue, using RPS3 Antibody. The picture on the right is blocked with the synthesized peptide.

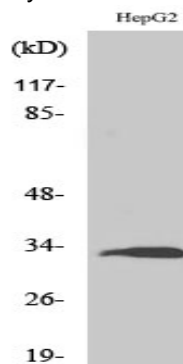


Western blot analysis of lysates from HepG2 cells, using RPS3 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from RAW264.7 cells using RPS3 antibody.



Western Blot analysis of various cells using Ribosomal Protein S3 Polyclonal Antibody

注意事项 (Note)

For research use only .