

产品名称: Ribosomal Protein S4Y1 Rabbit Polyclonal Antibody
产品货号: APRab17187



产品概述 (Summary)

产品名称 (Production Name)	Ribosomal Protein S4Y1 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,Rat,Mouse

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)	RPS4Y1
别名 (Alternative Names)	RPS4Y1; RPS4Y; 40S ribosomal protein S4; Y isoform 1
基因 ID (Gene ID)	6192.0
蛋白 ID (SwissProt ID)	P22090.The antiserum was produced against synthesized peptide derived from human RPS4Y1. AA range:214-263

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	29kDa

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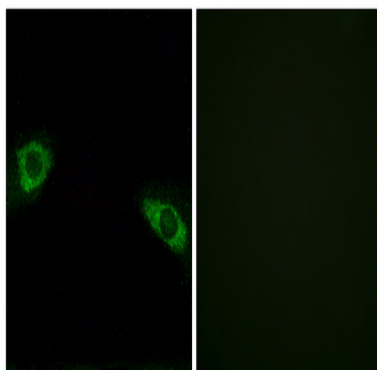
研究背景 (Background)

Cytoplasmic ribosomes, 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 ribosomal protein S4, a component of the 40S subunit. Ribosomal protein S4 is the only ribosomal protein known to be encoded by more than one gene, namely this gene and ribosomal protein S4, X-linked (RPS4X). The 2 isoforms encoded by these genes are not identical, but are functionally equivalent. Ribosomal protein S4 belongs to the S4E family of ribosomal proteins. It has been suggested that haploinsufficiency of the ribosomal protein S4 genes plays a role in Turner syndrome; however, this hypothesis is controversial. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed throughout the genome. This isoform is encoded on the Y chromosome. Similarity: Belongs to the ribosomal protein S4e family. Similarity: Contains 1 S4 RNA-binding domain.

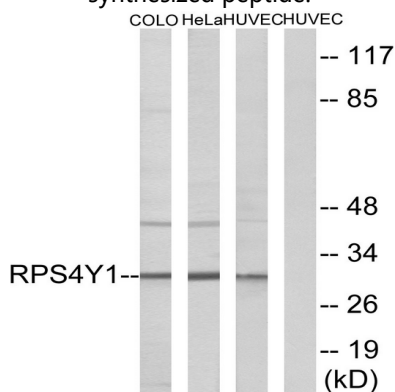
研究领域 (Research Area)

Ribosome;

图片 (Image Data)



Immunofluorescence analysis of HUVEC cells, using RPS4Y1 Antibody. The picture on the right is blocked with the synthesized peptide.

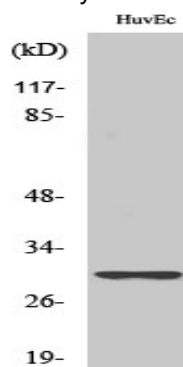


Western blot analysis of lysates from HUVEC, HeLa, and COLO cells, using RPS4Y1 Antibody. The lane on the right is blocked

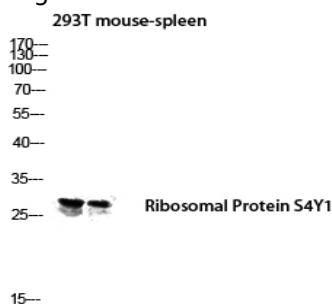
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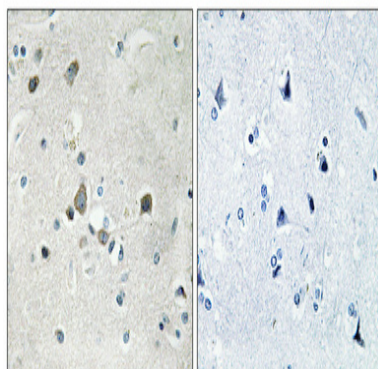
with the synthesized peptide.



Western Blot analysis of various cells using Ribosomal Protein S4Y1 Polyclonal Antibody diluted at 1: 1000



Western blot analysis of 293T mouse-spleen lysis using Ribosomal Protein S4Y1 antibody. Antibody was diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .