

产品名称: Ribosomal Protein LP2 Rabbit Polyclonal Antibody
产品货号: APRab17171



产品概述 (Summary)

产品名称 (Production Name)	Ribosomal Protein LP2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	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)	RPLP2
别名 (Alternative Names)	RPLP2; D11S2243E; RPP2; 60S acidic ribosomal protein P2; Renal carcinoma antigen NY-REN-44
基因 ID (Gene ID)	6181.0
蛋白 ID (SwissProt ID)	P05387. The antiserum was produced against synthesized peptide derived from human RPLP2. AA range: 21-70

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	

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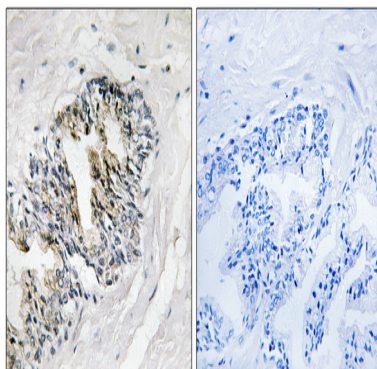
研究背景 (Background)

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 phosphoprotein that is a component of the 60S subunit. The protein, which is a functional equivalent of the E. coli L7/L12 ribosomal protein, belongs to the L12P family of ribosomal proteins. It plays an important role in the elongation step of protein synthesis. Unlike most ribosomal proteins, which are basic, the encoded protein is acidic. Its C-terminal end is nearly identical to the C-terminal ends of the ribosomal phosphoproteins P0 and P1. The P2 protein can interact with P0 and P1 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. As is typical for genes function: Plays an important role in the elongation step of protein synthesis, similarity: Belongs to the ribosomal protein L12P family, subunit: P1 and P2 exist as dimers at the large ribosomal subunit.

研究领域 (Research Area)

Ribosome;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using RPLP2 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .