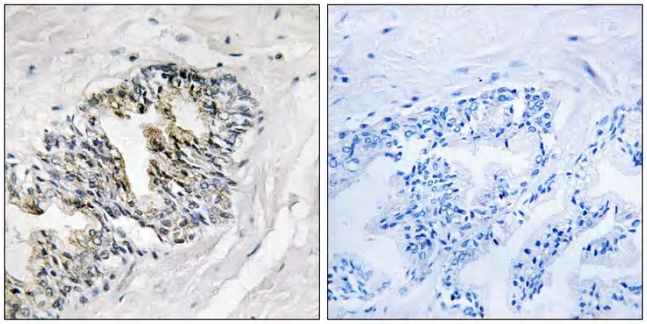
Ribosomal Protein LP2 Polyclonal Antibody

Catalog No	YP-Ab-04153
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	RPLP2
Protein Name	60S acidic ribosomal protein P2
Immunogen	The antiserum was produced against synthesized peptide derived from human RPLP2. AA range:21-70
Specificity	Ribosomal Protein LP2 Polyclonal Antibody detects endogenous levels of Ribosomal Protein LP2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RPLP2; D11S2243E; RPP2; 60S acidic ribosomal protein P2; Renal carcinoma antigen NY-REN-44
Observed Band	
Cell Pathway	cytosol,ribosome,focal adhesion,membrane,cytosolic large ribosomal subunit,preribosome, large subunit precursor,extracellular exosome,
Tissue Specificity	Epithelium,Kidney,Liver,Mammary carcinoma,Ovary,Pituitary,P
Function	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.,
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

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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