

Ribosomal Protein LP2 rabbit pAb

Cat No.:ES7074

For research use only

Overview

Product Name Ribosomal Protein LP2 rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/40000. Not yet tested in other applications.

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.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name 60S acidic ribosomal protein P2

Gene Name RPLP2

Cellular localization cytosol,ribosome,focal

adhesion, membrane, cytosolic large ribosomal

subunit, preribosome, large subunit precursor, extracellular exosome,

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Background

Human Gene ID 6181 Human Swiss-Prot Number P05387

Alternative Names RPLP2; D11S2243E; RPP2; 60S acidic ribosomal

protein P2; Renal carcinoma antigen NY-REN-44 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



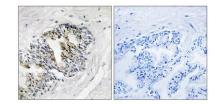
+86-27-59760950 ELKbio@ELKbiotech.com

www.elkbiotech.com



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

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



+86-27-59760950

