



RLA1 Polyclonal Antibody

Catalog No	YP-Ab-05247
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	RPLP1 RRP1
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	RLA1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Large ribosomal subunit protein P1;RPLP 1;RPP1;RRP1;RLA1;RPLP1 RRP1; 60S acidic ribosomal protein P1
Observed Band	12kD
Calculated Molecular Weight	12kD
Cell Pathway	cytoplasm,cytosol,ribosome,focal adhesion,cytosolic large ribosomal subunit, preribosome, large subunit precursor,extracellular exosome,
Tissue Specificity	Epithelium,Eye,Hepatocyte,Pituitary,Placenta,Platelet,T-cel
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 P2. The P1 protein can interact with P0 and P2 to form a pentameric complex consisting of P1 and P2 dimers, and a P0 monomer. The protein is located in the cytoplasm. Two alternatively splic

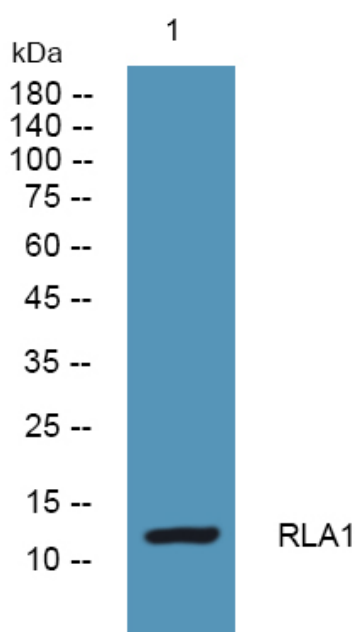
matters needing attention

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



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night