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ARG55599
anti-RPLP2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RPLP2
Tested Reactivity	Hu
Predict Reactivity	Ms, Bov, Rb
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RPLP2
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 13-41 (N-terminus) of Human RPLP2.
Conjugation	Un-conjugated
Alternate Names	P2; 60S acidic ribosomal protein P2; Renal carcinoma antigen NY-REN-44; LP2; D11S2243E; RPP2

Application Instructions

Application table

Application	Dilution
WB	1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Positive Control: K562

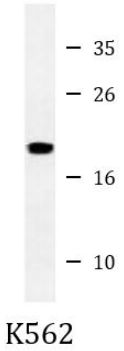
Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 6181 Human
	Swiss-port # P05387 Human
Gene Symbol	RPLP2
Gene Full Name	ribosomal protein, large, P2
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 encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]
Function	Plays an important role in the elongation step of protein synthesis. [UniProt]
Research Area	Cancer antibody; Gene Regulation antibody
Calculated Mw	12 kDa

Images



ARG55599 anti-RPLP2 antibody WB image

Western blot: 35 µg of K562 cell lysate stained with ARG55599 anti-RPLP2 antibody.