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Datasheet for ABIN6147168
anti-RPLP2 antibody (AA 1-115)

Overview

Quantity:	100 µL
Target:	RPLP2
Binding Specificity:	AA 1-115
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPLP2 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-115 of human RPLP2 (NP_000995.1).
Sequence:	MRYVASYLELLA ALGGNSSPSA KDIKKILDSV GIEADDDRLN KVISLNGKN IEDVIAQGIG KLASVPAGGA VAVSAAPGSA APAAGSAPAA AEEKKDEKKE ESEESDDDMG FGLFD
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

Target:	RPLP2
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Target Details

Alternative Name:	RPLP2 (RPLP2 Products)
Background:	<p>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.,RPLP2,D11S2243E,LP2,P2,RPP2,Epigenetics & Nuclear Signaling,Cancer,Tumor biomarkers,RPLP2</p>
Molecular Weight:	11 kDa
Gene ID:	6181
UniProt:	P05387

Application Details

Application Notes:	IF,1:50 - 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.