

DATASHEET

RPLP0 Rabbit Polyclonal Antibody

CAT. NO. APA13675

KEY FEATURES

Target	RPLP0	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Ribosomal protein P0 is the functional equivalent of E.coli protein L10.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to RPLP0
Specificity	Recognizes endogenous levels of RPLP0 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human RPLP0
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 27; Observed: 37 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	60S acidic ribosomal protein P0; 60S ribosomal protein L10E
Gene Symbol	RPLP0
Entrez Gene	6175(Human); 11837(Mouse); 64205(Rat)
SwissProt	P05388(Human); P14869(Mouse); P19945(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

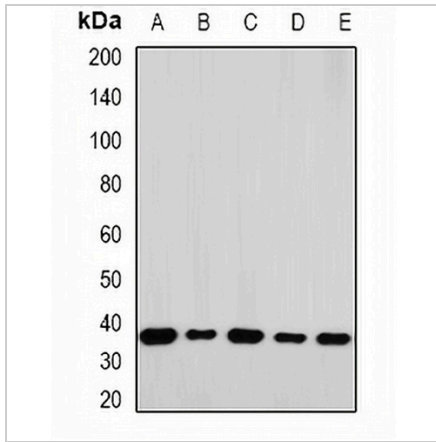
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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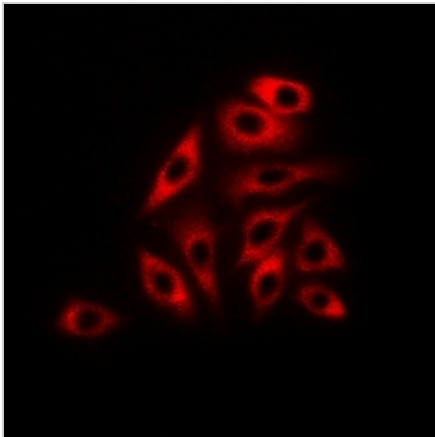
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DATA



Western blot analysis of RPLP0 expression in A549 (A), K562 (B), Jurkat (C), mouse liver (D), mouse testis (E) whole cell lysates. (Predicted band size: 27; 34 kD; Observed band size: 37 kD)



Immunofluorescent analysis of RPLP0 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.