

# RPL12 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP16275c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">P30050</a>
<b>Other Accession</b>	<a href="#">P23358</a> , <a href="#">P35979</a> , <a href="#">P61284</a> , <a href="#">NP_000967.1</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Predicted</b>	Bovine, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB35573
<b>Antigen Region</b>	71-100

## Additional Information

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<b>Other Names</b>	60S ribosomal protein L12, RPL12
<b>Target/Specificity</b>	This RPL12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-100 amino acids from the Central region of human RPL12.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	RPL12 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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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 protein that is a component of the 60S subunit. The protein belongs to the L11P family of ribosomal proteins. It is located in the cytoplasm. The protein binds directly to the 26S rRNA. This gene is co-transcribed with the U65 snoRNA, which is located in its fourth intron. As is

typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

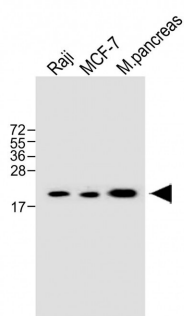
## References

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Wheeler, H.E., et al. *PLoS Genet.* 5 (10), E1000685 (2009) :  
Sugiyama, N., et al. *Mol. Cell Proteomics* 6(6):1103-1109(2007)  
Olsen, J.V., et al. *Cell* 127(3):635-648(2006)  
Beausoleil, S.A., et al. *Nat. Biotechnol.* 24(10):1285-1292(2006)

## Images

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All lanes : Anti-RPL12 Antibody (Center) at 1:1000 dilution  
Lane 1: Raji whole cell lysate Lane 2: MCF-7 whole cell lysate Lane 3: mouse pancreas lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Observed band size : 19 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

## Citations

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- [Ribosomal Stalk Protein Silencing Partially Corrects the ΔF508-CFTR Functional Expression Defect.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.