

**AP11751PU-N****Polyclonal Antibody to RPL23A (Center) - Purified**

<b>Alternate names:</b>	60S ribosomal protein L23a
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	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. RPL23A is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L23P family of ribosomal proteins. It is located in the cytoplasm. The protein may be one of the target molecules involved in mediating growth inhibition by interferon. In yeast, the corresponding protein binds to a specific site on the 26S rRNA. This gene is co-transcribed with the U42A, U42B, U101A, and U101B small nucleolar RNA genes, which are located in its third, first, second, and fourth introns, respectively.
<b>Uniprot ID:</b>	<a href="#">P62750</a>
<b>NCBI:</b>	<a href="#">9606</a>
<b>GeneID:</b>	<a href="#">6147</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the central region of human RPL23A.
<b>Format:</b>	<b>State:</b> Liquid Ig fraction <b>Purification:</b> Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS <b>Buffer System:</b> PBS with 0.09% (W/V) sodium azide
<b>Applications:</b>	ELISA 1:1,000. Western blot 1:100 - 1:500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody detects RPL23A at Center. <b>Species:</b> Human, Mouse. Other species not tested.
<b>Add. Information:</b>	Molecular weight: 17695 Da
<b>Storage:</b>	Store the antibody at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Uechi, T., et al., Genomics 72(3):223-230 (2001). 2. Fan, W., et al., Genomics 46(2):234-239 (1997). 3. Jiang, H., et al., Oncogene 14(4):473-480 (1997). 4. Fan, W., et al., Immunogenetics 44(2):97-103 (1996). 5. Wool, I.G., et al., Biochem. Cell Biol. 73 (11-12), 933-947 (1995).

## Pictures:

Western blot analysis of anti-RPL23A (Center)(AP11751PU-N) in NCI-H460 cell line lysates (35 µg/lane). RPL23A (arrow) was detected using the purified Pab.

