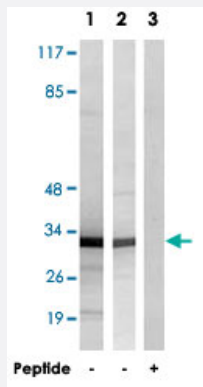


RPL7 polyclonal antibody

Catalog # PAB17585 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from HeLa cells (Lane 1) and 293 cells (Lane 2 and lane 3), using RPL7 polyclonal antibody (Cat # PAB17585).

Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of RPL7.
Immunogen	A synthetic peptide corresponding to C-terminus of human RPL7.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of total RPL7 protein.
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) ELISA (1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from HeLa cells (Lane 1) and 293 cells (Lane 2 and lane 3), using RPL7 polyclonal antibody (Cat # PAB17585).

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — RPL7

Entrez GeneID	6129
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Protein Accession#	P18124
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Gene Name	RPL7
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Gene Alias	MGC117326, humL7-1
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Gene Description	ribosomal protein L7
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Omim ID	604166
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Gene Ontology	Hyperlink
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Gene Summary	<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 protein that is a component of the 60S subunit. The protein belongs to the L30P family of ribosomal proteins. It contains an N-terminal basic region-leucine zipper (BZIP)-like domain and the RNP consensus submotif RNP2. In vitro the BZIP-like domain mediates homodimerization and stable binding to DNA and RNA, with a preference for 28S rRNA and mRNA. The protein can inhibit cell-free translation of mRNAs, suggesting that it plays a regulatory role in the translation apparatus. It is located in the cytoplasm. The protein has been shown to be an autoantigen in patients with systemic autoimmune diseases, such as systemic lupus erythematosus. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]</p>
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Other Designations	60S ribosomal protein L7
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Pathway

- [Ribosome](#)

Disease

- [Tobacco Use Disorder](#)