

# RPL9 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AW5553

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P32969</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	21863
<b>Isotype</b>	Rabbit IgG
<b>Antigen Source</b>	HUMAN

## Additional Information

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<b>Gene ID</b>	6133
<b>Antigen Region</b>	149-177
<b>Other Names</b>	60S ribosomal protein L9, RPL9
<b>Dilution</b>	WB~~1:1000
<b>Target/Specificity</b>	This RPL9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 149-177 amino acids from the C-terminal region of human RPL9.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. 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>	RPL9 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	RPL9
<b>Function</b>	Component of the large ribosomal subunit (PubMed: <a href="#">23636399</a> , PubMed: <a href="#">32669547</a> ). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed: <a href="#">23636399</a> , PubMed: <a href="#">32669547</a> ).

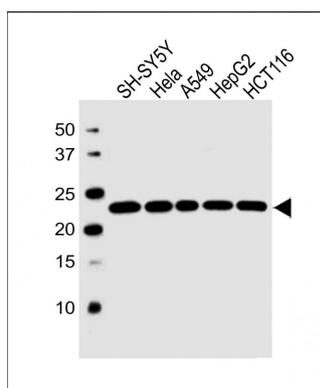
## Background

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 L6P family of ribosomal proteins. It 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. Two alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq].

## References

Oh, J.H., et al. *Mamm. Genome* 16(12):942-954(2005)  
Andersen, J.S., et al. *Nature* 433(7021):77-83(2005)  
Kapp, L.D., et al. *Annu. Rev. Biochem.* 73, 657-704 (2004) :  
Mazumder, B., et al. *Cell* 115(2):187-198(2003)  
Andersen, J.S., et al. *Curr. Biol.* 12(1):1-11(2002)

## Images



All lanes : Anti-RPL9 Antibody (C-term) at 1:1000 dilution  
Lane 1: SH-SY5Y whole cell lysate Lane 2: HeLa whole cell lysate  
Lane 3: A549 whole cell lysate Lane 4: HepG2 whole cell lysate  
Lane 5: HCT116 whole cell lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

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