

**RPL14 Antibody (C-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5674**

**Specification**

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**RPL14 Antibody (C-Term) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">P50914</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	H=23;M=24;R=23 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**RPL14 Antibody (C-Term) - Additional Information**

**Gene ID** 9045

**Antigen Region**  
173-204

**Other Names**  
60S ribosomal protein L14, CAG-ISL 7, RPL14

**Dilution**  
WB~~1:1000  
FC~~1:25

**Target/Specificity**  
This RPL14 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 173-204 amino acids from human RPL14.

**Storage**  
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.

**Precautions**  
RPL14 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**RPL14 Antibody (C-Term) - Protein Information**

**Name** RPL14

**Function**  
Component of the large ribosomal subunit (PubMed:<a href="http://www.uniprot.org/citations/12962325" target="\_blank">12962325</a>, PubMed:<a

<http://www.uniprot.org/citations/23636399> target="\_blank">23636399</a>, PubMed:<a href="http://www.uniprot.org/citations/32669547" target="\_blank">32669547</a>). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:<a href="http://www.uniprot.org/citations/12962325" target="\_blank">12962325</a>, PubMed:<a href="http://www.uniprot.org/citations/23636399" target="\_blank">23636399</a>, PubMed:<a href="http://www.uniprot.org/citations/32669547" target="\_blank">32669547</a>).

### Cellular Location

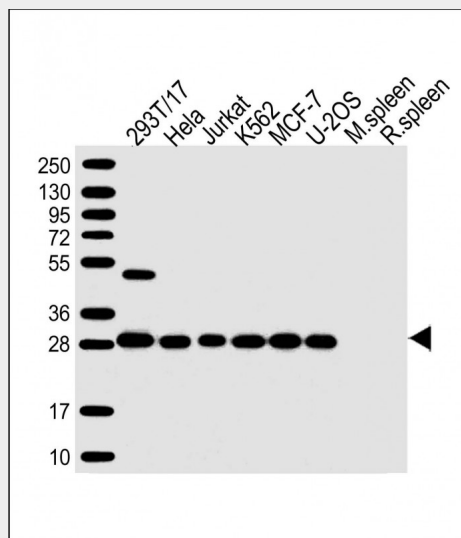
Cytoplasm.

### RPL14 Antibody (C-Term) - Protocols

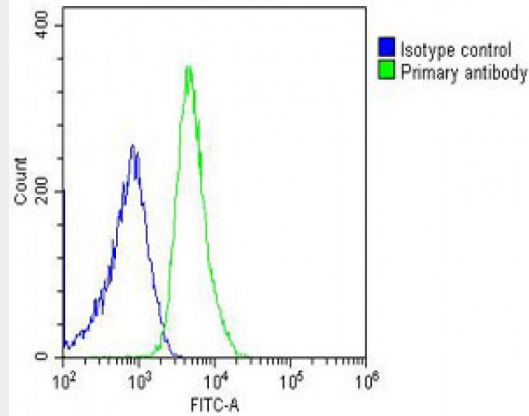
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### RPL14 Antibody (C-Term) - Images



All lanes : Anti-RPL14 Antibody (C-Term) at 1:1000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: K562 whole cell lysate Lane 5: MCF-7 whole cell lysate Lane 6: U-2OS whole cell lysate Lane 7: mouse spleen lysate Lane 8: rat spleen lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 23 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing U-2OS cells stained with AW5674 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AW5674, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG (1µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10, 000 events was performed.

#### RPL14 Antibody (C-Term) - References

Aoki M., et al. Diabetes 45:157-164(1996).  
 Tanaka M., et al. Biochem. Biophys. Res. Commun. 243:531-537(1998).  
 Yoshihama M., et al. Genome Res. 12:379-390(2002).  
 Lin L., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.  
 Suzuki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.