

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

Specification

RPL14 Antibody (C-Term) - Product Information

Application	WB, FC,E
Primary Accession	P50914
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:12962325, PubMed:23636399, PubMed:32669547). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:12962325, PubMed:23636399, PubMed:32669547).

Cellular Location

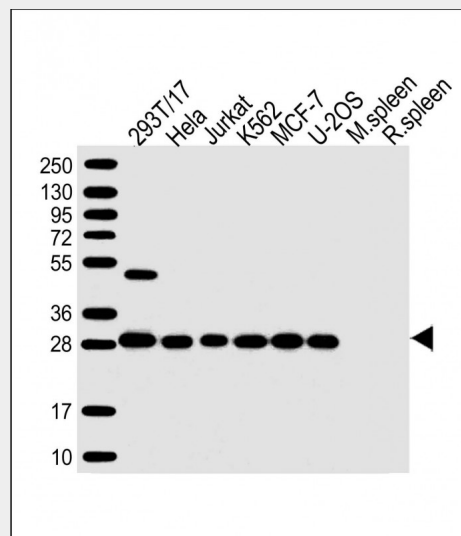
Cytoplasm.

RPL14 Antibody (C-Term) - Protocols

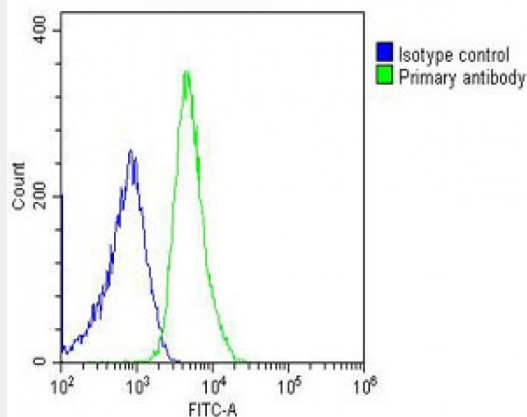
Provided below are standard protocols that you may find useful for product applications.

- [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/1x10⁶ 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.