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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:<a

href="http://www.uniprot.org/citations/23636399" target="_blank">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).

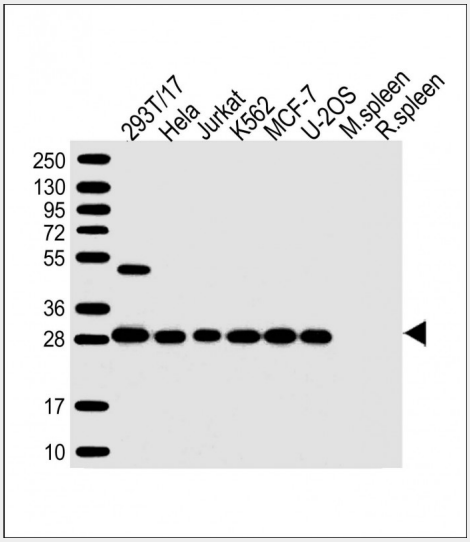
Cellular Location
Cytoplasm.

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 Cytomety
- 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.

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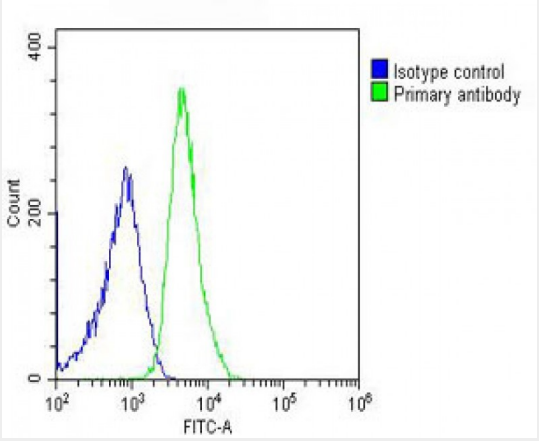

Overlay histogram showing U-2OS cells stained with AW5674 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the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