

**RPS21 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20470b**

**Specification**

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**RPS21 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P63220</a>
Other Accession	<a href="#">P05765</a> , <a href="#">P63221</a> , <a href="#">O9CQR2</a> , <a href="#">Q32PB8</a> , <a href="#">G1TM82</a>
Reactivity	Human
Predicted	Bovine, Mouse, Pig, Rabbit, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	9111
Antigen Region	44-71

**RPS21 Antibody (C-term) - Additional Information**

**Gene ID** 6227

**Other Names**

40S ribosomal protein S21, RPS21

**Target/Specificity**

This RPS21 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 44-71 amino acids from the C-terminal region of human RPS21.

**Dilution**

WB~~1:1000

**Format**

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.

**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**

RPS21 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**RPS21 Antibody (C-term) - Protein Information**

**Name** RPS21

**Function** Component of the small ribosomal subunit (PubMed:[23636399](#), PubMed:[25901680](#),

PubMed:[25957688](#)). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:[23636399](#), PubMed:[25901680](#), PubMed:[25957688](#)).

#### Cellular Location

Cytoplasm, cytosol. Cytoplasm Rough endoplasmic reticulum {ECO:0000250|UniProtKB:P63221}

Note=Detected on cytosolic polysomes (PubMed:25957688). Detected in ribosomes that are associated with the rough endoplasmic reticulum (By similarity).

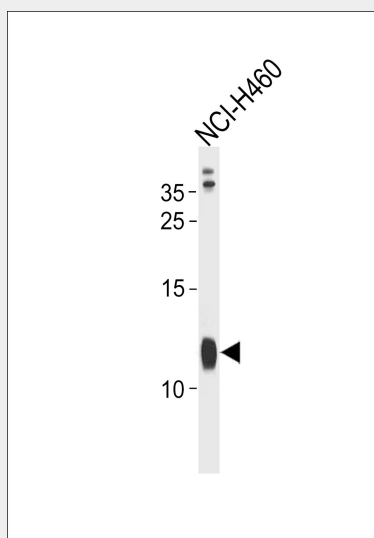
{ECO:0000250|UniProtKB:P63221, ECO:0000269|PubMed:25957688}

#### RPS21 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](#)

#### RPS21 Antibody (C-term) - Images



RPS21 Antibody (C-term) (Cat. #AP20470b) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the RPS21 antibody detected the RPS21 protein (arrow).

#### RPS21 Antibody (C-term) - References

- Bhat K.S., et al. Nucleic Acids Res. 21:2939-2939(1993).  
Smirnova E.V., et al. Bioorg. Khim. 26:392-396(2000).  
Yoshihama M., et al. Genome Res. 12:379-390(2002).  
Deloukas P., et al. Nature 414:865-871(2001).  
Kenmochi N., et al. Genome Res. 8:509-523(1998).