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RPS21 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5345

Product Information

Application	WB
Primary Accession	P63220
Other Accession	P05765, P63221, Q9CQR2, Q32PB8
Reactivity	Rat, Human
Predicted	Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	9111
Isotype	Rabbit IgG
Antigen Source	HUMAN

Additional Information

Gene ID	6227
Antigen Region	44-71
Other Names	RPS21;40S ribosomal protein S21
Dilution	WB~~1:1010
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.
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.

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).

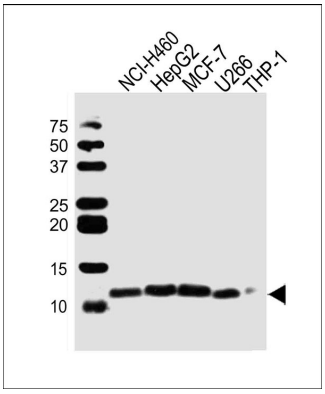
Cellular Location

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}

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).

Images



Western blot analysis of lysates from NCI-H460,HepG2,MCF-7,U266,THP-1 cell line (from left to right), using RPS21 Antibody (C-term)(Cat. #AW5345). AW5345 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.Lysates at 20ug per lane.

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