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RPS21 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20470b

Product Information

Application	WB, E
Primary Accession	P63220
Other Accession	P05765, P63221, Q9CQR2, Q32PB8
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Mouse, Pig, Rat, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	9111
Antigen Region	44-71

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 E~~Use at an assay dependent concentration.
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

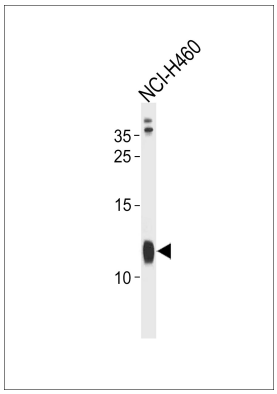
Name	RPS21
Function	Component of the small ribosomal subunit (PubMed: 23636399, PubMed:25901680, PubMed:25957688). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:23636399, PubMed:25901680, PubMed:25957688).

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

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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



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).

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