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# RPS9 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14719

## Product Information

| | |
|---|---|
| **Application** | WB, IHC |
| **Primary Accession** | P46781 |
| **Other Accession** | NM_001013, NP_001004 |
| **Reactivity** | Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine, Yeast |
| **Predicted** | Human, Mouse, Rabbit, Zebrafish, Dog, Horse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 22591 |

## Additional Information

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|---|---|
| **Gene ID** | 6203 |
| **Alias Symbol** | S9 |
| **Other Names** | 40S ribosomal protein S9, RPS9 |
| **Format** | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. |
| **Reconstitution & Storage** | Add 50 ul of distilled water. Final anti-RPS9 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles. |
| **Precautions** | RPS9 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

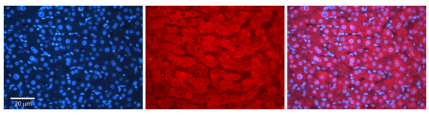
| | |
|---|---|
| **Name** | RPS9 ( HGNC:10442) |
| **Function** | Component of the small ribosomal subunit (PubMed: 23636399). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed:23636399). Part of the small subunit (SSU) processome, first precursor of the small eukaryotic ribosomal subunit. During the assembly of the SSU processome in the nucleolus, many ribosome biogenesis factors, an RNA chaperone and ribosomal proteins associate with the nascent pre-rRNA and work in concert to generate RNA folding, modifications, rearrangements and cleavage as well as targeted degradation of pre-ribosomal RNA by the RNA exosome (PubMed:34516797). |
| **Cellular Location** | Cytoplasm. Nucleus, nucleolus. Note=Localized in cytoplasmic mRNP granules |

containing untranslated mRNAs.

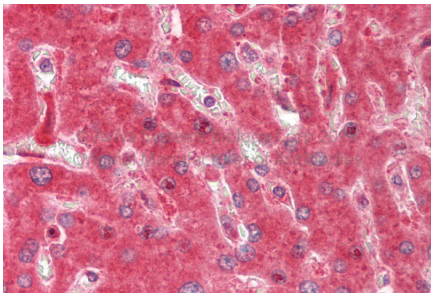
## References


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Vladimirov S.N.,et al.Eur. J. Biochem. 239:144-149(1996).

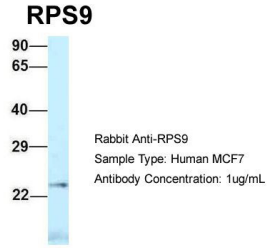

## Images



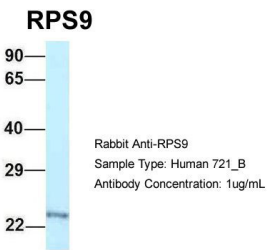
Rabbit Anti-RPS9 Antibody
Catalog Number: AI14719
Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver Observed Staining: Cytoplasm in hepatocytes, strong signal, very wide tissue distribution
Primary Antibody
Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody
Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 â€“ 2.0 sec
Protocol located in Reviews and Data.



Rabbit Anti-RPS9 antibody Catalog Number: ARP61782 Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 â€“ 2.0 sec




Host:Rabbit
Target Name:RPS9
Sample Tissue:Human MCF7
Antibody Dilution: 1.0µg/mlRPS9 is supported by BioGPS gene expression data to be expressed in MCF7




Host:Rabbit
Target Name:RPS9
Sample Tissue:Human 721_B
Antibody Dilution: 1.0µg/mlRPS9 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

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