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RPS9 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14719

Specification

RPS9 antibody - N-terminal region - Product Information

Application	**IHC, WB**
Primary Accession	P46781
Other Accession	NM_001013, NP_001004
Reactivity	**Human, Mouse, Rat, Rabbit, Horse, Yeast, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rabbit, Horse, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**21kDa KDa**

RPS9 antibody - N-terminal region - Additional Information

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.

RPS9 antibody - N-terminal region - 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).

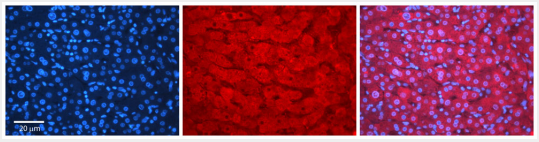
Cellular Location
Cytoplasm. Nucleus, nucleolus. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

RPS9 antibody - N-terminal region - Protocols

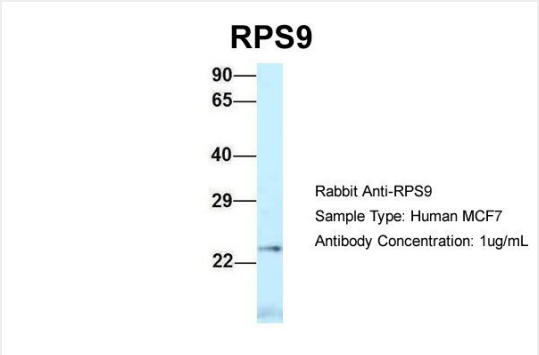
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

RPS9 antibody - N-terminal region - Images



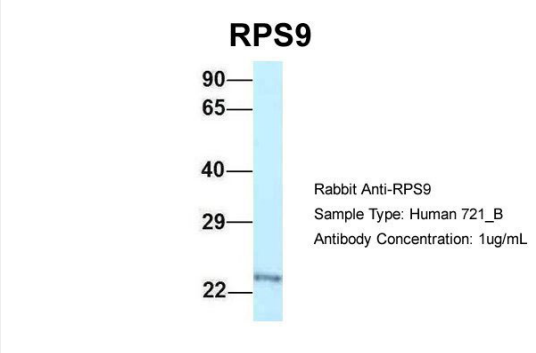
Rabbit Anti-RPS9 Antibody
Catalog Number: AI14719
Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver Observed Staining: Cytoplasm in hepatocytes, strong signal, very wide tissue distribution
Primary Antibody
Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody
Concentration: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



Host:Rabbit
Target Name:RPS9

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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

RPS9 antibody - N-terminal region - References

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Grimwood J.,et al.Nature 428:529-535(2004).
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Vladimirov S.N.,et al.Eur. J. Biochem. 239:144-149(1996).