

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

RPS9 antibody - N-terminal region - Product Information

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

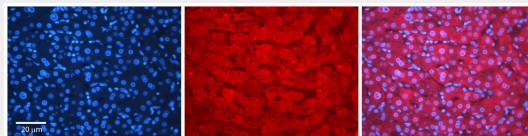
Cytoplasm. Nucleus, nucleolus. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

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 Cytometry](#)
- [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

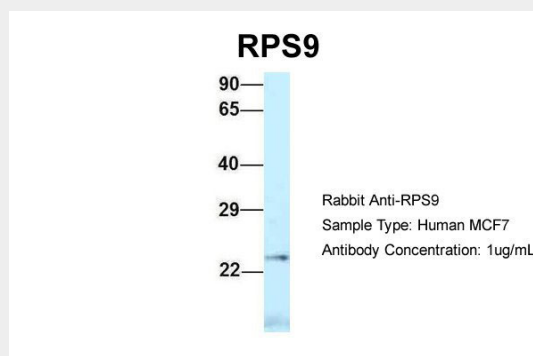
Secondary Antibody

Concentration: 1:200

Magnification: 20X

Exposure Time: 0.5 – 2.0 sec

Protocol located in Reviews and Data.

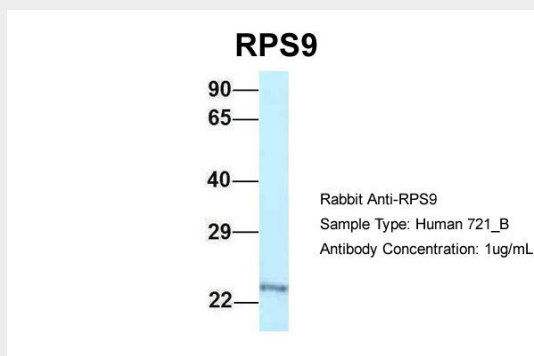


Host:Rabbit

Target Name:RPS9

Sample Tissue: Human MCF7

Antibody Dilution: 1.0 µg/ml RPS9 is supported by BioGPS gene expression data to be expressed in MCF7



Host: Rabbit

Target Name: RPS9

Sample Tissue: Human 721_B

Antibody Dilution: 1.0 µg/ml RPS9 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

RPS9 antibody - N-terminal region - References

Frigerio J.-M., et al. Biochim. Biophys. Acta 1262:64-68(1995).

Yoshihama M., et al. Genome Res. 12:379-390(2002).

Grimwood J., et al. Nature 428:529-535(2004).

Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

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