

# RPS9 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51492

## Product Information

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Application	WB
Primary Accession	<a href="#">P46781</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22591

## Additional Information

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Gene ID	6203
Other Names	40S ribosomal protein S9, RPS9
Target/Specificity	KLH conjugated synthetic peptide derived from human RPS9
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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Name	RPS9 ( <a href="#">HGNC:10442</a> )
Function	Component of the small ribosomal subunit (PubMed: <a href="#">23636399</a> ). The ribosome is a large ribonucleoprotein complex responsible for the synthesis of proteins in the cell (PubMed: <a href="#">23636399</a> ). 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: <a href="#">34516797</a> ).
Cellular Location	Cytoplasm. Nucleus, nucleolus. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs.

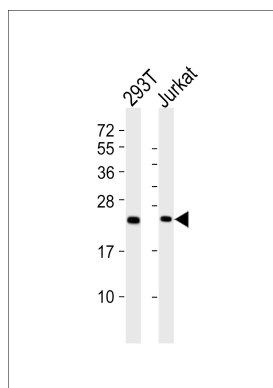
## References

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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).

## Images

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All lanes : Anti-RPS9 Antibody at 1:1000 dilution Lane 1:  
293T whole cell lysates Lane 2: Jurkat whole cell lysates  
Lysates/proteins at 20 µg per lane. Secondary Goat  
Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000  
dilution Predicted band size : 23 kDa Blocking/Dilution  
buffer: 5% NFDM/TBST.

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