

RPS9 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51492**Specification**

RPS9 Antibody - Product Information

Application	WB
Primary Accession	P46781
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23 KDa
Antigen Region	21 - 80

RPS9 Antibody - Additional Information**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

RPS9 Antibody - 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).

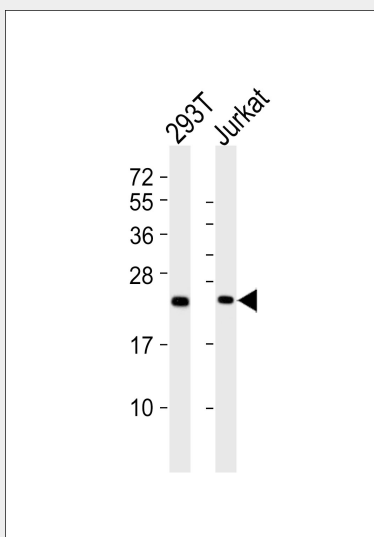
Cellular Location

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

RPS9 Antibody - 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 - Images

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.

RPS9 Antibody - 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/DBJ databases.
Vladimirov S.N., et al. Eur. J. Biochem. 239:144-149(1996).